

ggtggtcctg	cctgtgccag	cctgacagca	cccattggggc	accgggatgg	ggaccaagcc	120
ctgtgagagg	catcggggag	ggtgctgggc	ccgggcgctg	tactcaccg	caccctctgc	180
agatgaccca	gtgctacttt	gaggggggct	accaggagac	ccctgtgtac	ctgctggcag	240
agctgggcta	tgggcacaag	ctccatgggc	cctgcctcat	catcgacagt	aacagggtgg	300
ctgaagtccg	gccagggtgg	aggatgtgga	cgggtccact	gcggggcccc	tgggtgcagg	360
ttctctggcc	caaggctgca	ggggcctgca	ggactctgta	tcccaccatc	gatgggggtg	420

<210> 2550
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> similar to gi200964 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2550						
tgtggttgtg	gaagttgcgg	tggctgtggt	ggccgctgcg	gtggtggctg	tgggtggggc	60
tgcagtgggtg	gctgcgggtg	tggctgcggg	ggtggctgtg	gtggtggctg	tggcagctgc	120
accacctgca	ggtgctaccg	ggtgggctgc	tgtccagct	gctgccccctg	ctgccgcggc	180
tgtgtgtggag	gctgctgcag	cactcccgtg	atctgctgct	gccgcgcgac	ctgcggctcg	240
tgtggctgtg	gctatgggaa	gggctgttgc	caacagaaat	gctgctgcca	gaagcaatgc	300
tgtgtctagg	cgggcccccg	gcctctgggc	aggggctgca	ggtatctgcc	ctgtaggtaa	360
gactcccac	cttcccaccc	tgtctggtct	ccccctctc	tgtggtcttg	a	411

<210> 2551
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (25)...(340)
 <223> similar to gi5689447 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2551						
aagatcccca	gccgggggtat	taccctgaag	gccgccacca	agcaagcgat	gctgtactgg	60
ctgcagcagc	tgcagatgaa	gcgctgggaa	ttccacaaca	gcccgcgggc	acctcctgcc	120
acccctgatg	ccgccttggc	tgggaatggg	cccgctctgc	acctcgagct	agggcaagaa	180
gaggcagagc	tggaggagtt	cctgtgccct	gtgaaaacac	cccctgggct	agtgggcgtg	240

gcagctgcct	tgcagccctt	ccctgccctt	cagaatattt	ccctcaagca	cctggggact	300
gaaatacaga	acacaatgca	caacatccgt	ggcaacaagc	aggcccaggg	aacaggccat	360
gaacctccag	gggaagattc	tccacagagt	ggggagcctc	aaaggaaga	a	411

<210> 2552

<211> 577

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(580)

<223> similar to gi2801403 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2552

cccgggtcga	cccacgcgtc	cgctttgaca	gcctggccgc	tgccaataga	gccatctgtc	60
acatgaatgg	agtgcggctc	aacaaccgcc	aggtgtatgt	tggcagattc	aaattcccag	120
aagagcgggc	ggctgaggtc	agaaccaggg	atagagcaac	tttcaccaat	gttttcgtta	180
aaaacattgg	agacgacata	gatgacgaaa	aactgaagga	acttttctgt	gaatatgggc	240
caactgagag	tgttaaagta	ataagagatg	ccagtgggaa	atctaaaggc	tttggatttg	300
tgagatatga	gacacacgag	gctgccccaa	aggctgtgct	agacttgcat	ggaaagtcca	360
tcgatggaaa	agtcctctat	gtagggcgag	cacagaagaa	aattgaacgc	ctggctgagt	420
tgaggcggag	atttgaacgg	ctgaggttaa	aagaaaaaag	tcggcccca	ggggtgccta	480
tctatattaa	gaacttggat	gagacaatca	atgatgaaaa	actgaaggag	gaattttctt	540
cctttgggtc	aattaatccg	gccaaagtga	tgatggg			577

<210> 2553

<211> 2115

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2116)

<223> similar to gi3165406 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2553

gatctgtgcy	tgggggatgt	ggtctgtctc	cgcaaggaca	acatcgctcc	agccgacatg	60
ctcttgctgg	ccagcacgga	gcccagcagc	ctgtgctatg	tggagacggg	ggacattgac	120
ggggagacca	acttgaagtt	cagacaggcc	ctgatggtca	cccacaaaga	actggccact	180
ataaagaaga	tggcgtcctt	tcaaggcaca	gtgacgtgtg	aggcgcctaa	cagtcgggatg	240

caccacttcg	tgggggtgcct	ggaatggaat	gacaagaaat	actccctgga	cattggcaac	300
ctcctcctcc	gaggctgcag	gattcgcaac	acagacacct	gctatggact	ggtcatttat	360
gctgggtttt	acacaaaaat	tatgaagaac	tgtggcaaga	tccatttgaa	gagaaccaag	420
ctggacctcc	tgatgaacaa	gctgggtggt	gtgatcttca	tctccgtggt	gcttgtctgc	480
ctggtgttgg	ccttcggcct	cggtttctca	gtcaaagaat	tcaaagacca	ccactactac	540
ctctcggggg	tgcatgggag	cagcgtggcc	gcagagtcct	tcttcgtctt	ctggagcttc	600
ctcatcctgc	tcagcgtcac	catcccgatg	tccatgttca	tcctgtccga	gttcatctac	660
ctggggaaca	gcgtcttcat	cgactgggac	gtgcagatgt	actacaagcc	gcaggacgtg	720
cctgccaaag	cccgcagcac	cagcctcaac	gaccacctgg	gccaggtgga	atacatcttc	780
tcggacaaga	cgggcacgct	cacgcagaac	atcttgacct	tcaacaagtg	ctgcatcagc	840
ggccgcgtct	atggtgaacc	cctacctctg	gaacaagttc	gccgacggga	agctgctctt	900
ccacaatgcg	gcctgctgc	acctcgtgcg	gaccaacggg	gacgaggccg	tgcgggagtt	960
ctggcgctcg	ctggccatct	gccacacggt	gatgaccagc	tggtgtacca	ggcggcctcc	1020
cccgcagagg	gggcgctggt	caccgcagcc	cggaacttcg	gctacgtggt	cctgtcccgc	1080
acccaggaca	ccgtcacgat	catggagctg	ggggagggaac	gggtctacca	ggcctgggcc	1140
ataatggact	tcaacagcac	gcgcaaacgg	atgtcgggtc	tggttcgaaa	gccagagggc	1200
gccatctgcc	tgtacaccaa	gggcgccgac	acggtcacat	tcgaacgctt	gcacaggagg	1260
ggggcaatgg	aatttgccac	agaggaggcc	ttggctgcct	ttgccagga	gacctgcgg	1320
acactgtgcc	tggcctacag	ggagggtggc	gaggacattt	acgaggactg	gcagcagcgc	1380
caccaggagg	ccagcctcct	gctgcagaac	cgggcacagg	ccctgcaaca	ggtgtacaac	1440
gagatggagc	aggacctcag	gctgctggga	gccacagcca	tcgaggacag	actccaggac	1500
ggtgtccctg	aaaccatcaa	atgtctcaag	aagagcaaca	tcaaaatatg	ggtgctcacc	1560
ggggacaagc	aggaaacggc	tgtgaacatc	ggcttcgcct	gcgagctgct	gtcagagaat	1620
atgtcattc	tggaggagaa	ggagattagc	cgcacctcgg	agacctactg	ggaaaacagt	1680
aacaaccttc	taaccaggga	gtccctgtcg	caggtaagc	tggccttgg	cattaacgga	1740
gacttctg	acaaactgct	ggtgtccctg	cggaaggagc	cgcgcgccct	ggcgcagaac	1800
gtgaacatgg	acgaggcgtg	gcaggagctc	ggccagtcca	ggagggattt	cctctacgcc	1860
aggcgcctgt	ccctgctgtg	ccggagggtc	gggctcccgc	tggtctgcacc	gccagcccag	1920
gactccagag	cccgcgctag	ctccgagggtg	ctgcaggagc	gcgccttcgt	ggacctggcg	1980
tccaagtgcc	aggcgggtcat	ctgctgccgc	gtgacgcca	agcagaaggc	cctgatcgtg	2040
gccctggtca	agaagtacca	ccagggtggtg	accctggcca	tcggggacgg	tgccaacgac	2100
atcaacatga	tcaag					2115

<210> 2554

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (79)...(218)

<223> similar to gil504014 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2554

tcctctagag	cgcccgctcg	cgatctctga	ctcctccagc	tggacacatc	tctccctggg	60
gcgggggtgg	tctgtgtcca	gctggaggag	tcagagttca	cctgtgcggc	agccgtgaaa	120
gcacggaaag	caatggagg	ggagatcgaa	gacctgcacc	tcagattga	tgacatcgcc	180
aaagccaaga	cagcggtgag	gggccaagg	gccccgggca	gagctcgggg	ggctgaggca	240
gaatagagct	gcctctgtgg	ctcccttcac	cctagacagg	tcctccacg	tcaggacttg	300

tgacaggtcc	tttcacgcca	ggacttgctg	caggaagagc	gggcctcccc	tcctctgcgt	360
ctctccacac	tgagcagagg	cctcggggag	gagcgggcag	aagagggagc	cagcaagg	418

<210> 2555

<211> 448

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (35)...(435)

<223> similar to gi1488047 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2555

ccagcaggtg	aagcactgtc	gtcagtcccc	gggcccaggc	gggccccggc	cagctttgag	60
ctctggccag	gtgcaatgtg	cccagagctt	ccaggccggg	caccactact	gggaggtgcg	120
cgcgtcagac	cactcgggtga	cactgggcgt	ctcctaccgc	caactgccac	ggtgcaggct	180
ggggccccac	acagacaaca	ttggccgggg	accctgctcc	tgggggctct	gcgtccagga	240
ggacagcctc	caggcctggc	acaacgggga	agcccagcgc	ctcccagggg	tgtcagggcg	300
gctcctgggc	atggatttgg	acctggcctc	aggctggctc	accttttaca	gcctggagcc	360
ccagaccagc	cccctgtaca	ccttcctatg	cctcttcaac	cagccctca	ccccgtctt	420
ctggctcctc	gacccggaag	ttgcggaa				448

<210> 2556

<211> 853

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (50)...(855)

<223> similar to gi309209 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2556

gaatccacgc	gtcgtcccac	gcgtccggcg	tggatgaagt	gaaccacccg	ccacttttct	60
tcctccccac	gcagtgcgtg	tcagcggggg	gggtctggcc	cgggctcact	ttgagaagca	120
gccgccttcc	aatctgcgga	aatccaactt	cttccacttc	gtcctggccc	tctacgacag	180
acagggccag	cccgtggaga	tcgagaggac	agcgtttgtg	gggttcgtgg	agaaggaaaa	240
agaagccaac	agcgaagaag	ccaataacgg	aattcactac	cggcttcagc	ttctctacag	300
caatgggata	aggacggagc	aggatttcta	cgtgcgcctc	attgactcca	tgacaaaaca	360
agccatagtg	tatgaaggcc	aagacaagaa	cccagaaatg	tgccgagtct	tgctcacaca	420

tgagatcatg	tcgagccgct	gttgtgacaa	gaaaagctgt	ggcaaccgaa	atgagactcc	480
ctcagatcca	gtgataattg	acaggttctt	cttgaaattt	ttcctcaa	gtaacaaaa	540
ttgcctaaag	aatgcgggaa	accacgtga	catgcggaga	ttccaggctg	tgggtgtctac	600
gacagtcaat	gtggatggcc	atgtcctggc	agtctctgat	aacatgtttg	tccataataa	660
ttccaagcat	gggaggagg	ctcggaggct	tgaccctctg	gaaggtagcg	cctcttatct	720
ggaacatgca	gctactccct	gtatcaaagc	catcagcccg	agtgaaggat	ggacgacggg	780
aggtgcgact	gtgatcatca	taggggacaa	tttctttgat	gggttacagg	tcatattcgg	840
taccatgctg	gtc					853

<210> 2557

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (131)...(259)

<223> similar to gi3327116 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2557

gcgcccacgc	gtccgggaga	gctggagaaa	caggaagcca	gcctgtttgg	caggaggcca	60
gaggtgtgtc	cagtgggtga	agtgtggctt	tgggggaatg	ctgacctaac	cttactcgac	120
caacttctag	ttctcaggtc	ctagtgcgga	gcagatgtgt	aagacctact	cggagttctg	180
cagccgccac	agcaaggcct	taaagctcta	taaggagctg	tacgcccag	acaaacgctt	240
ccagcaattc	atccgggtga	gcggacctct	ccagatccca	tgctcatggc	ccaaaccac	300
cctccccaac	tcatgggggt	agtgcctgtg	agctgcaccc	acatggaggt	caggcattcg	360
ccacccgtgc	agaccatcca	tacacagatc	ct			392

<210> 2558

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (707)...(817)

<223> similar to gi1747316 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2558

ttttacaatt	caattttttt	attcataagg	ttgtacagcc	aacatcactg	tttaattcca	60
gaacattttc	aacatctcaa	aaagaaactc	tgacccatt	agcagtcatt	ccctgtagct	120

tccctcatag	gcaatggcaa	ctgctgatct	gctgaatagg	aatcatataa	tatgtgagga	180
aatgttttagt	ttttaagtt	acacaggata	attccaatgt	gcagccagaa	tacagaacca	240
ttattcatca	gatggcatta	ttaaggactc	cgcttgcaat	gagattttgt	ggattattga	300
gtaagagcca	agggaccctt	ccccctaggg	tttttggggc	ctggatggct	gtgtatttga	360
gggggagacc	gaagccagta	gaagtaatca	gatgatccac	tgcttagtgc	agcagcagct	420
tctcccattg	gtgtgggtgg	gtaggccaca	tgcttgagga	aacacacccc	ctcagagctc	480
tcatggctgt	catgggggat	gcagagggac	aggcatagct	cttgccctca	aggtgtgtat	540
ggtctgtcag	gaagatgaga	aagtccatct	gcattccttt	tccccaccat	gactcgggac	600
acgctcttgt	ggtgcttttg	tttgcctct	gtgattgaga	aaccttgtcc	ttgaggaggg	660
gggttttttg	actctggatc	tggggttcat	tgggcctttt	tcctgcaggt	ggcgggaaat	720
gttttttaaa	gtgaagaaaa	cagttgggga	agctccagat	ggaccagcca	gtgcctactt	780
ggccgacacc	accatacct	ccttgtagat	ggtgaggccc	caaggatggg	tgtagaccag	840
cgcagggggt	agaaacgatt	tttcggacgc	gtgggtcgac	c		881

<210> 2559

<211> 235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(235)

<223> similar to gi34041 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2559

tcccgggtcg	acgatttcgt	gctgccgcca	aggggggctt	cagtggctgc	tcagctgtgc	60
tctcaggggg	cagctcatcc	tccttcggg	cagggagcaa	agggctcagt	gggggctttg	120
gcagccggag	cctctacagc	ctgggggggtg	tccggagcct	caatgtggcc	agtggcagcg	180
ggaagagtgg	aggctatgga	tttggccggg	gccgattcca	gctcactggg	gatcc	235

<210> 2560

<211> 510

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (27)...(510)

<223> similar to gi3868778 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2560

acccatggcc	gcccacattc	cggggtcgag	aatttaggga	acgacaagct	cgagagcgtg	60
actatgctga	aattcaagat	tttcatcgga	catttggtg	tgatgatgag	ttaatgtatg	120
ggggagtttc	ttcttatgaa	ggttccatgg	ctctcaacgc	tagacctcag	agcccacgag	180
aagggcatat	gatggatgct	ttgtatgccc	aagtcaagaa	gccgcggaat	tccaaacctt	240
cacctgtaga	cagtaacaga	tcaactccta	gcaatcatga	tcggatacag	cgtctgaggc	300
aagaatttca	gcaagcaaag	caagatgaag	atgtagaaga	tcgtcggcgg	acctatagtt	360
ttgagcaacc	ctggccgaac	gcacggccgg	cgacgcagag	cgggcgacac	tcggtgtccg	420
tggaggtgca	gatgcagcgg	cagcggcagg	aggagcgcga	gagctcccag	caggcccagc	480
gccagttacag	ctttctgcct	cggcaaaggc				510

<210> 2561

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (40)...(923)

<223> similar to gi3878945 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2561

ccggaattcc	cgggtcgaga	ccaagagaat	gatgtcgggg	ataagcagtc	ggctgtgaag	60
atgaagatgt	ttgggaagct	cacccgagac	acgtttgagt	ggcaccctga	caagcttcta	120
tgtaagagat	ttaatgtccc	tgacccttat	ccagattcaa	ctttagttag	cttaccaaga	180
gtgaagcgtg	acaagtactc	agtcttcaac	tttctgacgc	tcccagagac	agcttccttg	240
cccaccactc	aagcatcaag	tgaaaaagta	tcacagcacc	gaggtcccga	caaatacaaga	300
aaaccatcca	gatgggatac	ctctaaacac	gaaaagaaaag	aagattccat	tagtgaattt	360
ttaagtttgg	ctagatcaaa	agccgagcca	cctaaacaac	agtccagccc	cttagtaaac	420
aaagaggaag	agcatgcacc	agaatcatcc	gcaaatacaga	cagtcaacaa	agatgtggac	480
gcacaggctg	aaggagaagg	gagccgcccc	tccatggact	tattcagggc	catctttgcc	540
agttcctcag	atgaaaagtc	ctcatcctcc	gaggatgagc	aagggtgacag	tgaagatgat	600
caggcaggct	ctggggaggc	caacttccaa	agctcccaag	acactgactt	gggggaaaca	660
tcattctgtg	ctcacgctct	tgtgccagca	ccccaggagc	cgccaccttc	cttcccata	720
caaaagatgc	atagatagta	aagagaagag	ttcggccccg	ggctgcctcc	cgtcttctgc	780
cccaatgctc	gtcagacact	tgaggttcct	caaaaagaga	aacataaaaa	gaacaaagac	840
aagcacaagg	ccaagaaaga	gcacaggcgg	aagaaagaga	agaaaaagaa	acacaggaag	900
cacaaacaca	aaggcaaaaa	aaaaa				925

<210> 2562

<211> 592

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(177)

<223> similar to gil737490 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2562

ccagatggg	cg	tctagatggg	actatattct	ggagtctatg	cctcatatccc	acatttcagt	60
gttttagcatt	atgaattccc	tggtcattgt	tctcttctta	tctggaatgg	tagctatgat		120
tatgttacgg	acactgcaca	aagatattgc	tagatataat	cagatggact	ctacggtaag		180
tggaacatt	ttagtcttta	gtctgccaag	gacactgttt	attgttattt	tgcaaaaagg		240
taaaataata	gctttagaat	ctgcttttaa	aacattcttc	aaaaaacaaa	aacaaaaaca		300
aaaaaattct	tctcaaaagt	tatcttgaat	tcacattttc	aaataagaaa	gtgatactta		360
agaattaata	ttcttggctg	ggcgcggtgg	ctcacacctg	taatcccagc	actttgggag		420
gccggggtgg	gcggatcacc	tgagggtcagg	agttcaagac	cagcctgacc	aacatggtga		480
aaccccatct	ctcctaaaaa	cacaaaaaatt	agctgggtgt	ggtgggtggg	acctgtagcc		540
ccagctacct	cgggaggctg	aggcaggaga	attgcttgaa	cccaggaggc	gg		592

<210> 2563

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(410)

<223> similar to gi34073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2563

ccagggagaa	cgaggggctc	tggatgctga	ggtgaaggcc	tgccgggacc	aggaggagga	60
gtataagtcc	aagtatgagg	aggaggccca	caggcgcgcc	acacttgaga	acgactttgt	120
ggtcctcaag	aaggatgtgg	atgggggtttt	cctgagcaag	atggagttgg	agggcaagct	180
ggaggctctg	agagagtacc	tctacttctt	gaagcatctg	aatgaagaag	agctgggcca	240
gctccagacc	caggccagcg	acacgtctgt	ggtgctgtcc	atggacaaca	accgctacct	300
ggacttcagc	agcatcatca	ctgagggtccg	cgcccgggtac	gaggagatca	cccggagcag	360
caaggctgag	gctgaggcct	tgtaccagat	caagtaccag	gaacttca		408

<210> 2564

<211> 1210

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (292)...(1202)

<223> similar to gi4115909 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2564

cagcggcgctc	agagcgtgtc	tcgcctgctg	ctccccgttt	tcctccttga	gccccccgcc	60
gagccggggc	tggagccgcc	ccctgaggag	gaaggaggag	agccggcggg	ggtcgcggag	120
gagccgggca	gcggggggcc	ctgctggctg	cagctggagg	aggtgccggg	gcccgggcct	180
ctcgggggag	ggggggccct	gcgtccccct	tcctcctact	catctgacga	gctgtcccca	240
ggcgagccct	tgacttcgcc	gccctggggc	cctctggggc	cccccgagcg	gcccgagcat	300
cttctgaacc	gggttctgga	gcggcttgct	ggaggggcta	ccagggacag	cgccgcctca	360
gatatcctgc	tggatgacat	tgtccttacc	cattctctct	tcctcccgac	ggagaaaattt	420
ctgcaggagc	tacaccagta	ctttgttcgg	gcaggaggca	tggagggccc	tgaagggctg	480
ggccggaagc	aagcctgtct	agccatgctt	ctccatttct	tggacaccta	ccaggggctg	540
cttcaagagg	aagagggggc	cggccacatc	atcaaggatc	tatacctgct	aattatgaag	600
gacgagtcct	tttaccaggg	cctccgagag	gacactctga	ggctgcacca	gctggtggag	660
acggtggaac	taaagattcc	agaggagaac	cagccaccca	gcaagcaggt	gaagccactc	720
ttccgccact	tccgccggat	agactcctgt	ctgcagacct	gggtggcctt	ccggggctct	780
gatgagatct	tctgccgtgt	atacatgcct	gaccactctt	atgtgacct	acgcagccgc	840
ctttcagcat	ctgtgcagga	cattctgggc	tctgtgacgg	agaaaacttca	atattcagag	900
gagcccgcgg	ggcgtgagga	ttccctcatc	ctggtagctg	tgtcctcctc	tggagagaag	960
gtcctttctcc	agcccactga	ggactgtgtt	ttcacccgac	tgggcatcaa	cagccacctg	1020
tttgccctgta	ctcgggacag	ctatgaggct	ctggtgcccc	tccccgagga	gatccaggct	1080
tcccctggag	acacagagat	ccaccgagtg	gagcctgagg	acgttgccaa	ccacctaact	1140
gccttccact	gggagctgtt	ccgatgtgtg	catgagctgg	agttcgtgga	ctacgtgttc	1200
cacggggagc						1210

<210> 2565

<211> 438

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(441)

<223> similar to gil418942 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2565

agcgcagctt	gcaggacgcg	cagcgcctct	tcttgatgag	cgaggccgtg	cagccgggtga	60
cacccgagcc	ctgtgtcacc	caggacagcg	tgcgtttctc	acacctcgct	gtggacctgg	120
tgcaggctaa	agacacgctc	taccatgtac	tctacattgg	caccgagtcg	ggcaccatcc	180
tgaaggcgct	gtccacggcg	agccgcagcc	tccacggctg	ctacctggag	gagctgcacg	240
tgttgcctcc	cgggcgcgcg	gagcccttgc	gcagcctgcg	catcctgcac	agcgcgcccg	300
cgctcttcgt	ggggctgaga	gacggcgctc	tgcgggtccc	actggagagg	tgcgcgcctt	360
accgcagcca	gggggcatgc	ctggggggcc	gggacctgta	ctgtggctgg	gacgggaagc	420
agcaacgttg	cagcacac					438

<210> 2566
 <211> 566
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (79)...(558)
 <223> similar to gi2088823 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2566
 ggaattcccg ggtcgagact ctactccaat ccagaccgc acctgctgct gcgtcatctc 60
 ggtctgggct cctttccctt caagaccgg aaggaactgc agagttggaa ggcagagaat 120
 gaagccttca ccctggctga cctgaagcaa ctgccggagc tgaaccacc agtgctgatg 180
 cccagaggga atgtggggac tcccctgcgg gtctttttgg agttgatccg ggcctgccgc 240
 ctaccccctc ggatcatcac ccagctgcag ctccagttcc ccaagacagg ttcctcccg 300
 cgctacggca atgtgccttt tgagtatgag gactcagaga ctgtggagca ggaagagctt 360
 gtgtatacag cagaggggtga agaaataccc caaggaacct acctggcaga tataccagcc 420
 agccccctgt gagagcctga ggaagaagt ggaaggaag aggaagaaga gtctcactca 480
 gatgaggacg atgaccgggg tgaggaatgg gaacggcatg aagcgctgca tgaggacgtg 540
 accgggcagg agcggaccac tgacct 566

<210> 2567
 <211> 406
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(409)
 <223> similar to gi5689409 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2567
 cttccattga gcggttcccc atcagcttta aaacctactt ctcaggaaac tactttcacc 60
 acgttgtgct ggggatttac tgcaatggcc gctatggctc attgggcatg agccgcaggg 120
 ctgagctgat ggacaagcca ttgacttttc ggactctgag tgacctcatc tttgactttg 180
 aggactctta caagaaatac ctgcacacag tcaagaaggt caagattggg ctgtacgtcc 240
 cccatgagcc tcatagcttc cagcccattg agtggaaagca gctggctcctc aacgtctcaa 300
 agatgctgag ggctgacata aggaaggagc tggagaaata tgccaggac atgagaatga 360
 agatcctgaa acctgcaagt gccactctc cgacccaagt gagaag 406

<210> 2568
 <211> 561
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (196)...(475)

<223> similar to gi217399 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2568

cccagaatga	ccgggtcgac	ccacgcgtcc	gcacccagct	atggaggcag	ctgcaggaac	60
aacttgtttt	accgagaaga	aacctacact	ccaaaagctg	agacggacga	gatgaatgag	120
gtggaaacgg	ctcccattcc	tgaagaaaac	catgtttggc	tccaaccgag	ggtgatgaga	180
cccaccaagc	ccaagaaaac	ctctgcggtc	aactacatga	cccaagtcgt	cagatgtgac	240
accaagatga	aggacaggtg	cataggggtcc	acgtgtaaca	ggtaccagtg	cccagcaggc	300
tgctgaacc	acaaggcgaa	gatctttgga	agtctgttct	atgaaagctt	cgctagcata	360
tgccgcgccg	ccatccacta	cgggacccctg	gatgacaagg	gaggcctggg	ggatatcacc	420
aggaacggga	aggccccctt	cttcgtgaag	tctgagagac	acggcgtgca	gtccctcagg	480
taactactct	gtgatcgggg	ctctgtgaaa	cggttttcct	gtttatgacg	gtgttgttga	540
aattttgaaa	aataccacac	a				561

<210> 2569
 <211> 453
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(454)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3)...(114)

<223> similar to gi3219577 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2569

ntatccgtgc	tgttggcaac	tttaaggagc	agacagtgat	tgccgtcaag	gccccccgc	60
agacgagact	ggaagtgc	gacaggaatg	aggtgagagg	ggaaatattt	ggtggagagc	120

agggttgaga	ccctgccagg	gagcgttcca	ggcggctctg	cagactctgt	ccctggcact	180
gcctagcccc	atgctttgca	ggccattgt	ggtgtccatg	gcaatattgg	tggnnnnnnn	240
nnnnnnnnnn	nnnnnncaga	agctggaaa	ggcaacggag	actgagtagt	ggcctgagaa	300
aatctctgtt	cctggtttct	ttctgcatcc	caccagccct	gggttcctgc	gcacatgcac	360
actcatgccc	acgtatgacg	gtgacaatac	tcatgaaaat	cctttcatgc	tgaccgtgct	420
cggacgcgtg	ggtctacccg	gagttccggc	gag			453

<210> 2570
 <211> 462
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (19)...(462)
 <223> similar to gil632766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2570						
gagtcgcgaa	ttcgcgtggt	agccaatgac	agagcagata	aaaatgctac	tgctattttt	60
gagggtcac	atttgaatgc	tgagaatgct	gctggtcacc	agattgcctc	cgaaacacag	120
atccttgagg	attcttcgtt	aatatctgta	aagtcacagt	gcagcacagg	tgatgctcat	180
acagtcttga	gtgagtctaa	cagaaaagat	gggcactgtg	gaaattctaa	caacaaatgt	240
gaagtaattc	cagaaagcac	cagtgcagta	acaaacattc	cacaggtgca	gatggttgcc	300
atacaggtat	cttggaaacat	aacacaccaa	gaagtcaata	ctgagccata	taatcctttt	360
gagaaacaac	aaggggaaat	ttcacggatt	gaaaaggagt	accaagtatt	acaagaccaa	420
cttaaagaag	cgtatganaa	ttatgagcag	ataaaactta	ag		462

<210> 2571
 <211> 1528
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (909)...(1072)
 <223> similar to gi35431 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2571
cgggtccgcc agtagcattt ctgcagcaga tgtggggata ttcacagtaa gacggacacg      60
tccaagacca taaatagttg gttttgccac cacgtggatg tcaaaaaacac cttgctgtgt      120
ggggccactt ggaggtggga acagtgggcg tgtggacctg tcctgctgtg acttttggtta      180
acaccctgag gtggagtctg aaaaaccccg gtgtacacgg gctcaagaac cgctcccctt      240
tctgataccg gagcgcattt cccagtggaa cccagagca gcaactcagg ttcttgctcg      300
cctgtgcggc tttgtgtgcg gcttgccgag ggcagaaacg gcagcttccg cccggagagc      360
agagatgtgg cgtggggctg agtgtggccc accggtaatc cagctgcatg ccccttccc      420
tgctgcacc tgggcgcgc ctctgcacga tgaaggcggg catttggtgt ggtccttaca      480
gccgtgtgcc ccatcccaact gatccttgcc tgctgcaga aagctacagg attggctttg      540
cctttaagtg tcctgactgc cccggcctcc cttacctacc atgacacgcc gagagctgag      600
ctgtcccaact cgtgactaac tcgccgttgc ctgcaacctg ctccgttgcc tgcctcacac      660
ccaccccgcgt gtgctgcctg caggcacccc ctttcatgag gacctgggct gtgccaggc      720
ggccccctgt gttgctgggg cctgtgctgc tctcgcacgg cctccagagc ctccctcggc      780
cccttgacct gcataaaccg gcttcccctg gtgactcagt cccctcccgt cccttccctg      840
acctcagcac aggccctggg gctggcagg gacaccccg cacccccgcgt aaccgcttg      900
ccctgctgct tcaggcttac aagagtgcgt gcgacatggc cgaggcacga ggccgccacc      960
aggagctttg catccccctg tgtgtggtgc cggccacgat tagcaacaat gtcccaggca     1020
cagaaataag cctgggctcc gacactggcc tgaatgctgt tgttgaggta agagaacccc     1080
gtttcctctc gttgcttttc cgtcatttat tttagcaact tgtttcttct gtgctaagga     1140
tgagccggat ttattcttct tcttttctcc cctttgtag cttggcttta tgtcacactg     1200
gccagaacag ggtaaaattt ttttagcttc tctgccttag ggagagcctg tctttattga     1260
ttaaaagtga gatgatata ccagtccttg ggatcgtgtt tctatccac ctagactagg     1320
ggagcgcgag gtaccattgc tctggaggct gcctctcctg cccacgctga gtagtgaggc     1380
tgagggccca cctgtgggag cctgcaggaa ggggtgtaaa tgcccggtaa gtacgagctc     1440
caggacagag cgtacccac tgggggcgc tgccctggaaa acagccttcc tggtagaca     1500
agaggctctt tagagagccg aaatcact                                     1528

```

<210> 2572

<211> 1342

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2) (252)

<223> similar to gi3417297 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2572

```

cttcacctat tcttccctcc tcctcagtea cgggcgcatt cactccgaca gccggccctt      60
cccctgcgtg gagtgtggga aaggcttcaa ggcgaagacc gccctggaag cccatcggtg      120
gatccaccgc tcctgcagcg agaggcgcgc gtggcagcag gccgtgggtg ggcgttcaga      180
gcccatccct gttttgggag gcaaggatcc cccagttcac ttccggcaact ttccagatat      240
atttcaagag tgtgggtgat ggcgttcaca caaactggtc agcgtttccc tggagaggaa      300
gaggcaagg tttgttattt gggggataag gaaaggaagt gggcgtttga ggaaaacaaa      360
gttcttgct taaggtaaaa agcagagggt aggggcacag agggctgttg gggaggaggc      420
aggaatcttg aaaagggtgc tgggggttga cccattttc tgaagctcca gcacacaggg      480
cccgtgttc acgtcccatc cttcacttga aaaccattca cctaactggc ttttccctca      540

```

tgattgttct	ctcccttgta	gctctctgct	tttttggcct	gtatctctcc	tactcctctg	600
agatggggtc	ccctacattc	cagtgcctat	taaaggagcc	tgacccact	ctggaccccc	660
cagaatagag	gggatacctc	aggcctgtcc	ctcggctggt	ggggggggcg	gagctcatcc	720
caggattctt	ttcttttttt	tgagatggag	tcattgctctg	tcgcccaggc	tggagtgcag	780
tggcgtgatc	tcggctcact	gcaacctctg	cctcctgggt	tcaagccatt	ctctgcctca	840
gccttcccat	tagctgggat	tacaggcatg	cgccaccagg	cccagctaatt	ttttgtgctg	900
ttagtagaga	cgggggtcca	ccatcttggc	caggctgggc	ttgaattcct	gacctcgtga	960
tccaccgcgc	tcggcgtctc	aaagtgtctg	gattacaagc	gtgagccacc	gacccctgcc	1020
gaggattctg	cctttttacca	atgcagggtga	aacatctggc	aaggagacac	ctggagtgtga	1080
ggtgttcctt	ggtcttgaag	acctagaggt	ggccatagag	aggacagtgg	cctcagggtgg	1140
ggaactcccc	ccccactctc	attctgcaag	tgcacaaact	atcaaacata	gcggactctg	1200
gaactggggc	aactcttcac	tgtatgcatt	agtgattgca	gtgttttttt	cttcttcaga	1260
tatttgcatg	ttccctggat	tttgtatttt	ttgataaaga	tatattcttg	ggccacagta	1320
gctggagata	taatgccgga	cc				1342

<210> 2573

<211> 597

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (213)...(576)

<223> similar to gi2792500 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2573

tactgggtcg	acccacgcgt	gcggtcagta	ggacgatttt	gttagggaaa	acgctttcac	60
tgcgaaaaat	gtgatctaga	aaacattgtg	cttgaaggat	tggctttggt	tttgtgtggg	120
gaatttagtg	cattttccat	tctattggca	tcattattaa	atagtcgtaa	atgtagagtt	180
attaaataat	tgagcttttt	tccattttgg	tttactcagg	attcactcct	tctccagttg	240
cacagccaca	cccttcagct	ggccttaatg	ttgactttga	atctgtgttt	ggaaataaat	300
ctacaaatgt	tattgtagat	tctggggggc	gacttctcaa	accaacagtg	gcctctcata	360
accagaacct	tctgatgcc	aaactcccac	ctagcaagct	agcatctgat	gactcgaatt	420
catctctccc	caaccttgac	cgcaatccca	tcataaacac	cggtaacccc	cctaattgacc	480
tcacttctac	gccaatgagc	cacaaccaca	acttcacaca	accacatctc	cacctccact	540
cactacacac	acagatctcg	acagcacctc	ccacataacc	caaaacccca	taacccg	597

<210> 2574

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (66)...(360)

<223> similar to gi202799 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2574
gggtcgcccc acgcgtccgg gtggataagc agaagatagt ggaggggaatg gcagagggag      60
gcttcacaca gattaagtgc aacacagaca ttttcattgg cggagtcccc aattatgatg      120
atgtgaagaa gaactcgggt gtcctgaagc ctttcagcgg gagcatccag aagatcatcc      180
tgaatgaccg aaccatccat gtgaagcatg acttcacctc cggagtgaat gtggagaatg      240
cgccccaccc ctgtgtgaga gccccttggt cccatggggg cagctgccgg cccaggaagg      300
agggctatga ctgtgactgc cccttgggct ttgaggggct tcaactgccag aaaggtacgc      360
tcaggggtct gaggcacagc tccctggagg gagtgggaagg aacggacagc caattggggg      420
accacaactc ttaatggaag a                                     441

```

<210> 2575
<211> 428
<212> DNA
<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (6)...(407)
<223> similar to gi535177 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2575
cctgtttgaa gatgccc aaa gtggccctca agggccccc ggtggatgtc aagggcccca      60
agctggacct gaaaggcccc aaggcggatg tgatgacctc cgtcgtggag gtgtctctgc      120
ccagcatgga ggtggacgtc gaggccccgg gagccaagct ggacagtgtg cggctggagg      180
gtgacctgtc cctagccgac aaggacatga ctgccc aaga cagcaagttc aaaatgccca      240
agttcaagat gccgtcgttc ggggtgtctg cccaggcaa gtccatcgag gcctcgttgg      300
atgtgtctgc gctgaagggt gaggtgacg tgagcctccc ctccatgcag ggggacctga      360
agaccactca cctcagcatt cagccccctt ccgctgatct ggaggtccag gctggccaag      420
aggatgtg                                     428

```

<210> 2576
<211> 428
<212> DNA
<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (3)...(251)
<223> similar to gi7939 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```
<400> 2576
ttaacattca agttgatacc tatagttaca acaaccgcag caacaagcct gtgcaccggg      60
cctactgccca gatcaaggctc ttctgtgaca agggagctga gcggaaaatc agggatgaag    120
aacgaaagca aagcaaaaaga aaagtttctg atgttaaagt gccactgctt ccctctcaca    180
agcgaatgga tatcacagtt ttcaaaccct tcattgatct cgatactcag cctgtcctct    240
tcattcctga cgtgcacttt gccaaacttg agcggggcac tcattgtcctt cccattgcct    300
ctgaagaatt ggagggtgaa ggctctgtct tgaaaagggg gccgtacggc acagaagatg    360
actttgctgt ccctccttct accaagctgg cccgtagata agaaccaaag agagtgtctg    420
tctacgtt                                     428
```

<210> 2577

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(438)

<223> similar to gi3882197 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 2577
gagacgcaac cgcagggttcg acccacgcgt ccgcgtatcc gcaactgctca ggggtatggg    60
gaggatgtca ggcaggacca gcagcagctc ctggagggga tctcagagct ggacatcagg    120
acagggggag tcccctcaca gctgcttgta catggagccc tggccttccc tctggggctg    180
gatgcctcac tcaactgctt cctggcggct gctcaactatg gccggggccg ggtggtcctg    240
gtgtcccacg agtgccctgct ctgtgctccc aagatggggc ccttcttgct caatgcggtg    300
cgctggctgg ccagaggcca gacaggcaaa gttgggggtga acacaaatct aaaagatctg    360
tgtcctctcc tatcgagca tggcctgcaa tgcagcctgg agcccatct gaacagcgac    420
ttgtgtgtct actgctgcaa                                     440
```

<210> 2578

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (125)...(289)

<223> similar to gi4929639 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2578
tgtgggctgg agcaggaag cccacccagg caggaggtgc ctctgtgccg gaggcccag 60
tcccctgaac acctgcagga ggccaggcat cgcccacagc cctgccccct ggctcttgg 120
caggaaaaag aatgagaagc tggagctgct ggtgggctgc attgcagagc tgcgggaggc 180
agatgagggg ctgctgaggg ccggtgagaa tgacttcagc atcatgtact caaccgcaa 240
gcggaagtgc cagctgtggc tgggcccagc cgccttcac aaccatggtg agggtcaggc 300
aggtggatgg gcaggacggg atagagccag gcagggtgg aggggtgtag tgggagggtt 360
ctgcgactga gctgccgagc tcctctacct ctcttctctc tcctgcccc aactggctcca 420
ga 422

```

```

<210> 2579
<211> 377
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(370)
<223> similar to gill118102 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2579
caaggaaagg gagcttattg aaagactaga ggatctcaaa gagcagctgg ctcccctgga 60
aaaggtacga attgagatta gcagaaaagc tgagaagagg accacttttg tgctatgggg 120
tggccttgcc tacatggcca cacagtttgg cattttggcc cggcttacct ggtgggaata 180
ttcctgggac atcatggagc cagtaacata cttcatcact tatggaagtg ccatggcaat 240
gtatgcatat tttgtaatga cacgccagga atatgtttat ccagaagcca gagacagaca 300
atacttacta tttttccata aaggagccaa aaagtcacgt tttgacctag agaaatacaa 360
tcaactcaag gatgcag 377

```

```

<210> 2580
<211> 792
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (313)...(793)
<223> similar to gi3004482 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2580
atTTTTgatg ccatgtggct acattggttt tagaatacta ataaaatcca ttgcttttaa      60
aataaataaa taaaccccat agcacatcct ccatacaaca tctgttgtcc ctcaagatac      120
aattgttacc actatcatct aaccattatt ttatgataac tttaaaatat caacttggca      180
agaaaatatt ccacaaaaca cactctgcct ttttacttta aagagtcctt ggctacctgg      240
gccaatatta ttctcatttg taggatttag gttccacaga atataatatg tgcctttttc      300
tgtgttcctt gcagatttgc aagtaccatc cctttttggg gccttacttt gcacctccag      360
catctgggaa acaatgtttt cctgttgag actctctttg gtgcagtcac cctcctggcc      420
aattgtgttg caccttgggc actgaatcac atgagccgtc gactaagcca gatgcttctc      480
atgttcctac tggcaacctg ccttctggcc atcatatttg tgctcaaga aatgcagacc      540
ctgcgtgtgg ttttggcaac cctgggtgtg ggagctgctt ctcttggcat tacctgttct      600
actgcccaag aaaatgaact aattccttcc ataatcaggg gaagagctac tggaatcact      660
ggaaactttg ctaatatttg gggagccctg gcttccctcg tgatgatcct aagcatatat      720
tctcgacccc tgccctggat catctatgga gtctttgcc tctctctggt ccttgttgtc      780
ctcctccttc cg                                     792

```

```

<210> 2581
<211> 415
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(415)
<223> similar to gi4426629 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2581
atgacaatag cccagtgtgt gatcagggtg catatacagc attacttctt gaagacattc      60
catcaaataa aatcatcctg aaagtcagtg caaaggatgc tgatattgga tccaatggat      120
atataccata ctactctat ggatctggaa acagtgaatt ttttctagat ccagaaagtg      180
gcgagttaaa aaccttggct ctgttggacc gggagaggat ccccggtgtac agcctgatgg      240
ccaaggccac tgacgggggt ggcaggttct gccagtccaa catccaccta atcctggagg      300
atgtgaatga taacccccct gtgttttctt ctgaccacta caacacctgt gtctatgaga      360
acacaaccac caaggctctg ttgaccagag ttcaagccgt ggaccccgac attgg          415

```

```

<210> 2582
<211> 348
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(342)

```


<223> similar to gi4038413 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2582
accagccatt gctgattcac aggccagtg agagacagga taatcatggg atgctgctaa      60
aaggggaaat cctgctgctg cctgagcttt cttttatgac cggaatccca gagaagatga    120
agaaggactt cagagccatg aaggatttgg ctcagcaaat caatctgagc cccaagcaac    180
accatagtgc tttggaatgc ttgctgcaaa gaattgcaaa gaacgaggca gccaccaatg    240
aactgatgcg ttgggggctc cgtctgcaaa aggatgtaca taagattgaa ggacgtgttc    300
tgccaatgga aagaattaac ttaaaaaata cttcgtttat cacatctc      348

```

```

<210> 2583
<211> 849
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(850)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1)...(628)
<223> similar to gi3882151 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2583
tgtggatttt caggaacatc catgactgat tactggggtt tgatcttctt caacctctc      60
ttcacatctg cccctcctgt catttatggt gttttggaga aagatgtgtc tgcagagacc    120
ctcatgcaac tgcctgaact ttacaaaagt ggtcagaaat cagaggcata cttaccccat    180
accttctgga tcaccttatt ggatgctttt tatcaaagcc tggctctgctt ctttgtgcct    240
tattttacct accagggctc agatactgac atctttgcat ttggaaaccc cctgaacaca    300
gccgctctgt tcatcattct cctccatctg gtcattgaaa gcaagagttt gacttggatt    360
cacttgctgg tcatcattgg tagcatcttg tcttattttt tatttgccat agtttttgga    420
gccatgtgtg taacttgcaa cccaccatcc aacccttact ggattatgca ggagcacatg    480
ctggatccag tattctactt agtttgatc ctcacgacat ccattgctct tctgccaggg    540
tttgatataca gagttcttca gggatccctg tttccatctc caattctgag agctaagcac    600
tttgacagac taactccaga ggagaggact aaagctctca aggaagtggg agaggggggt    660
gggaaagatg gaatcaagtg gacatcaaag tatggttaac cattcagggt ggcaagttca    720
gggaggagga ccctggctgg gcctttttgt tgtattttgc attgaagtca ggcagttccn    780
tgtttttgag gcagggaatt ttctgtgtg gaantgttta gtcagggtatt tagnaattagg    840
cnttaggtg

```

<210> 2584
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(150)
 <223> similar to gi951098 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2584

tctacactca	gctagctgcc	aatcaaagt	ttttaagcct	aaaggtgcag	acaggaaaca	60
aaaaactgac	cgagagaaga	tggagaagag	aacagctcat	gaaaaagaaa	agtatcagcc	120
gtcctatgat	accacaatcc	tcacagaggt	aatgtagtaa	agcatttggt	tttggagag	180
aagcaaaggt	tgcataattag	tctatttcta	agatgagttc	tgctacaaaa	gggttgggga	240
agattgggtg	gcagtttgac	atgttattct	ctgagaaatt	tctggggaaa	atattttaat	300
ttggggattt	tgatagactg	tttcctgggt	gggatcttaa	atgaagatgc	tgaaatccca	360
atgaggtcct	agaaacagac	cttaaaaact	ttgaagttgg	caagagactt	aagttggagc	420
ctagaaagtc	caatttttgt	cactgctggg	gttttgcatt	ttttttaact	ttgaatcctg	480
ttagtcatgc	atttgtttaa	ttggactgaa	gagacatgaa	acagggtggt	agatctttct	540
ttgtataatg	aaaagacatt	gatcccaatc	tttggtgttt	gtccagatga	ggcttgagcc	600
tataattgaa	gatgcagttg	aa				622

<210> 2585
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(254)
 <223> similar to gi1651471 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2585

ttgagcaaat	tttattgctg	gcgtttggtc	gcaaagccgc	tgaagagatg	gacgagcgga	60
ttcgcgagcg	gttacattca	gaagacattg	ccgcacgcac	gtttcatgcg	ctggcgctgc	120
atattattca	gcagggcagc	aaaaaagttc	cgatagtcag	caaactggaa	aatgatcccc	180
ctgcccgtca	tgaactcttt	attgctgagt	ggcgcaagca	atgcagcgaa	aagaaagcgc	240
aggcgaaggg	cgccagccct	tcaaactgtc	cttcggttgc	tttatagggg	aagagt	296

<210> 2586
 <211> 352
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (89)...(240)
 <223> similar to gi3021409 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2586
 aaagaggctt cttgattgtg ctgttcattg ttgtaaatcc atggagctgt gcaacagtga 60
 gtaactccag atgtcctccc tccctactgc agcccctgcc cttgatgtgg actggcagag 120
 cagcacgacc tttgcctcct gtagcacaga catgtgtatc catgtgtgca ggctcggctg 180
 tgaccgcccc gtcaaaacct tccagggaca cacagtaagt gagagctctt gtcactggtc 240
 tcgagtttgt gagaatgtga tgtgggagcc gattcttgtg tgcctagaat taaaagctac 300
 tgcagcagca gaccagctct aatgtgcccc ttggctattt gagctgtcat gg 352

<210> 2587
 <211> 543
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (107)...(545)
 <223> similar to gi3395782 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2587
 gtagtcatct tagttgtctc caattgtgcc aagcccagtg cctcaaatat agtaatcatt 60
 gatgaatgct ttttggttaa atttgaaaca aatttttggg tttgtcttta agaccgatgt 120
 tgttgtcaac tccgttccct tggatctcgt gcttagtaga gggcctcttt ctaagtcctt 180
 cttggaaaaa gctggaccag agcttcagga ggaattggac acagttggac aaggggtggc 240
 tgtcagcatg ggcacagtgc tcaaaaccag cagctggaat ctggactgtc gctatgtgct 300
 tcacgtggta gctccggagt ggagaaatgg tagcacatct tcaactcaaga taatggaaga 360
 cataatcaga gaatgtatgg agatcactga gagcttgtcc ttaaaatcaa ttgcatttcc 420
 agcaatagga acaggaaact tgggatttcc taaaaacata ttcgctgaat taatcatttc 480
 agaggtgttc aaatttagta gcaagaatca gctgaaaact ttacaagagg ttcactttct 540
 gct 543

<210> 2588

<211> 546
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (248)...(374)
 <223> similar to gi640037 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2588

aaggaaggca	ggaaagagga	tatatagacc	cttggggaaa	aagcaagtta	tcaattagaa	60
tagtgcaaaa	ttctcaagag	attctgagta	aagcagttgg	gattagttga	cagggcttct	120
taggaaagaa	ttattaaaca	tggttgaatg	aaagcagggg	gggactcagt	tggcagagtg	180
ggatgtaggg	attgtccact	aggcagaaac	acagccttca	taataatctt	catggcttcc	240
tgcagcattt	gccccatttc	cctttggagg	aatctatctg	cctttggagg	tcccagccag	300
ccagtgtcac	cgctcccccc	tggtgctcgc	ctatgatcag	gcccactttt	ctgcaactgt	360
gtccatggag	cagaaggaga	ataccaagga	acaaggtgct	gaatgacatg	tcttttggtc	420
tgcattattt	tacttgaaa	aaattgaatg	agatctaata	taggaggaaa	gaattaagtg	480
acatgcaagc	ccagacagca	catgttgata	ctgttttatt	aagccagaag	ttacgccaga	540
gttttc						546

<210> 2589
 <211> 512
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (199)...(513)
 <223> similar to gi3876654 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2589

ggcttgttta	accaggataa	ggaggtaggg	gccatagaac	tggaagctgat	tcctgccagg	60
ccgtttttcca	gcagcgagct	gcagagggac	aaccccgcca	cggggcaaca	gaacgcggat	120
gagggcagcg	aaaggccacc	cagagcgag	tggaagagtg	actcaaacgg	ggcacccaag	180
acgatcgag	actcggccac	gagccccaag	ctcctctatg	tggaatagagt	tggttcaggaa	240
attctggaaa	ccgaaaggac	ttatgtacaa	gatttaaaaa	gcatacgtaga	ggattacctt	300
gactgcatca	gggaccaaac	aaaacttccc	ctgggggaccg	aagaaagatc	agcccttttt	360
ggaaacatac	aggatatcta	ccacttcaat	agtgaacttc	tgcaagattt	ggaaaactgt	420
gaaaatgatc	ctgtggccat	agcagagtgt	tttgtgtcca	agagtgaaga	gttccacatt	480
tatacccagt	attgcactaa	ctatccaagg	cg			512

<210> 2590
 <211> 401
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (80)...(391)
 <223> similar to gi2662089 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2590
 cgagagtggg aatgtatccc aggagtcagg cccacacctat gcctcattct ctcaccattt 60
 catcagtgat gcaatgacag gtgtgcccac tgagaatgat gacttttgca ttctttttgc 120
 accaaaagca gccatgcagg agaaggaaga agaaccagtt ataaaaatca tggttgatga 180
 tgcaattgtg ataagagaca attatttcag tctgcccgtt aataagaccg atacgagcaa 240
 agccccctta cactttccca ttctgtgat tcgctatgtg gtgaaggagg tctctcttgc 300
 ctggcatctt tatggaggaa aggattttgg aacagtcctt cccacttctc cggctaaaag 360
 ttatattagt cccacagtt cgccttctca cacacccacg a 401

<210> 2591
 <211> 501
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(75)
 <223> similar to gi3449296 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2591
 tccacagtga ctactgcagc cagaacacat gcctcaatgg tgggaagtgc tcatggaccc 60
 acggggcagg tgagggctgg ggtgccaggc tgaaccagg gtttatccca gaaggctctt 120
 caggtgggaa aggcattgtc gggaggagat ctcagagcct cctgggtcca aatttctctc 180
 tcttccccta acttgtgagt aacagggttg aatctgcaat atctagacta ggggaagcca 240
 ggagtcttcc ttccctctca acaaaaacta tctttctact tctgggggga tgagggagga 300
 tatgaatggg gacctcaggg gcagagggtt gaattaatca cataccttag tgtcatcact 360
 ggtctatgca cagtctcctt ctcattcccc tttaacttat attccactcc cttccccttc 420
 cctaactact gaggcaaaaa tttccagttt ttgaatgagc tctcgcaaaa tacatgttgt 480
 ttttcatatg cttgaatttc c 501

<210> 2592
 <211> 632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (180)...(401)
 <223> similar to gi2623162 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2592
gtacttttaa ggggaggggt cccccctttt tcctttcctt cctttttttt tgggggtactg    60
attttagaaa cagtattaag caccttggtg ttttgtttct gttttcaagg aatgcagatt    120
ctactaagat ctcccttgcaa aatgaatgca ttttaatttc cctatgtgtt tttcctctgc    180
aggtagtttt cccaagagtg gctcagggtt gtaagaatga tatgggagga tctcaaagag    240
tcctggagaa acagtggacg tcgttcctga aggcgcgctt gaactgctca gttcctggag    300
actctcattt ttatttcaac attctccagg cagttacaga tgtgattcgt atcaacgggc    360
gtgatgttgt cctggcaacg ttttctacac cttataacag gtaatcatgc cctagctgtg    420
ttgacctcat caattcttcc tggcttcctt ctcccagggg gttctcttct aataaaccat    480
atttgcaact gactgaaaat tgcattcatt gtgtgtagct aagaagcact taacacttag    540
ttttcatcaa caaattaaaa gtagtttata agcactatta agttagggtt taggggaagt    600
aattagataa attatgacaa tatcttctat tt                                     632

```

<210> 2593
 <211> 1047
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(569)
 <223> similar to gi540271 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2593
ggtcttggtt tcaagggatc atatgaaaag tgcccagcag ttcttccagt tgggtgggagg    60
atcagctagt gaatgtgata caataccagg gaggcagtgc atggcttcct gtttcttcct    120
gcttaagcaa tttgatgatg ttttgattta cctcaactca ttttaagagcc acttctataa    180
tgatgacatc ttttaacttta attatgccca agccaaagct gcaacaggca ataccagtga    240
gggcgaagag gcgttcctct tgatccaaag tgagaagatg aaaaatgatt acatttacct    300
cagctgggta gctcggggct atattatgaa taagaaacca agactagcct ggggaacttta    360
tcttaagatg gaaacctccg gcgagtcctt cagtctctta cagctcattg ctaatgactg    420
ctacaagatg ggccagtttt actattctgc caaagctttt gatgtccttg agaggctgga    480
tcctaaccct gaatattggg aaggcaaacg ggggtgcctgt gtgggcattt tccagatgat    540
catagctggg agagaacca aagagaccct tcgagaagtg ctccatttac tgagaagcac    600
aggtaacacc caagtagaat acatgatccg gatcatgaag aaatgggcca aagaaaacag    660

```

agtgtccatc	ctaaaatagc	gccagtgac	taggaaccag	cttctacttt	gacataaaac	720
tggaaatcat	tttctactcca	gctttaatct	gtgatacagg	gctctgtttt	attgacattt	780
tccttccttg	ctctttaagc	ctcaaggcca	gagactgact	tgctgagact	tagtctcctg	840
gctgaacaga	gtgccatagt	ctgtgaccct	gtatgatcct	agtagcaata	agattttgga	900
cttatctggt	gcctttcttc	caaaaatgct	cagagtactt	ttatgcaatt	tactgacttt	960
aaggaaaaca	gtataacttt	tttttgtag	cattttatgg	cattgtctcc	tggctgcaat	1020
aacaaacatc	tttgatgttc	aagaatc				1047

<210> 2594
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (189)...(300)
 <223> similar to gil78646 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2594						
gaactctcca	agccctagga	ggaggggcat	gcaggttgct	aggaggaaga	gcagcggggg	60
gagggtaggg	tgcccagggc	tgagacaaa	gtgagcttca	cccagctctca	ccttgccacac	120
cacggcctta	gcattttagt	aagctccatg	cttacatcct	gaagactgtc	cccagcccca	180
tttctgccc	tgttacagga	ggaacagacc	aagcccagtg	ggaagacata	acaggaacca	240
ccaaacttgt	atatgccaac	gagtgcgcca	acttcaccac	caatgtctct	gccaggtgag	300
acgaggccag	cccagcccag	tattgtgtgg	gccgtcctca	ggctctatgc	tgccgtccag	360
gcctgagget	gaggtccct	cactgtcccc	tccatgtgga	agcctccgtg	accacaggtg	420

<210> 2595
 <211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (227)...(359)
 <223> similar to gi3329465 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2595						
cagaacagtc	tttttaaaaa	tgaatacctg	atttttagctt	tcctttgtta	aagctctcca	60
atggtacacc	tttgtaacta	gactaaaatc	tacaactacg	ggcccttgcc	tctttctcac	120
ctccttttct	gccactttta	acctttgttt	actttaaccc	actgacactg	gttttactct	180

tgattctcaa	acatggaaaa	acagatagat	gttttctttc	tcttaacaga	attgtgaaaa	240
attgggtgag	ctgctgttat	gtgaggctca	gtgctgtggg	gctttccacc	tggagtgcct	300
tggattgact	gaaatgccaa	gaggaaaatt	tatctgcaat	gaatgtcgca	caggtaaaag	360
agatatcgg						369

<210> 2596

<211> 432

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (330)...(429)

<223> similar to gi4826454 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2596

ggcccctagt	ccaaggccct	ggccaccctt	cacagctgcc	accacagagg	gaaaggaaac	60
aatgtcattt	aaccttcata	gcagctttgg	taataggaac	agcagcggcc	acagcaaaca	120
tttactgagc	caagtccatt	aagccctaca	tgtgcgttac	cggcatggtc	tctggattga	180
tgattcttct	gttacttcct	actgtggagg	ataaggccct	ctgtagtgcc	ttttaccaa	240
gaccaaagct	gcatgccac	catgtatcaa	gttcagtaac	ccccctcttc	tagagaatgc	300
atgtggaccc	tgtgggggtg	attctgacca	ctgagtgttt	ccaggttcca	cagcagaaag	360
ccatggcacc	acttcatccc	catcctgccg	gaatgagaat	caatgttgtc	aataaccacc	420
aggccgtgta	tt					432

<210> 2597

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(395)

<223> similar to gi5824570 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2597

aagaaatggt	ggcattactt	cttgggtcaag	gagcaaatat	caatgcacag	acagaagaaa	60
ctcaagaaac	tgccttgact	ctggcttgct	gtggaggctt	tctggaagtg	gcagactttc	120
taattaaggc	aggagccgat	atagaactag	ggtgttctac	ccctttaatg	gaagctgctc	180
aagagggtca	tttggagtta	gttaaatact	tattagctgc	aggagctaac	gttcatgcaa	240
caacagcaac	aggggataca	gcactaacat	atgcctgtga	aaatgggtcat	actgatgtag	300


```

cagatgtctt acttcaggca ggcgcagatc tggaacatga atctgaaggt ggaagaactc 360
ctttaatgaa agctgcaaga gctggtcatg tttgtactgt tcag 404

```

```

<210> 2598
<211> 2821
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(2440)
<223> similar to gi3255965 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2598
aagagatcag tgccactcag atcatcgtct gcacccccga gaagtgggac atcatcacc 60
gcaaggggtg tgagcgcacc tacaccacgc tgggtgcggct catcattctg gatgagattc 120
atcttctcca cgatgacaga ggtcctgtct tagaagcttt agtggccagg gccatccgaa 180
acattgagat gacccaagag gatgtccgac tcattggtct cagtggcacc ctaccaact 240
atgaagatgt agccaccttt ctacgtgttg accctgccaa gggctctctt tactttgaca 300
acagcttccg tccagtgcct ctggaacaga catatgtggg tatcacagag aaaaaagcta 360
tcaagcgttt ccagatcatg aatgaaatcg tctatgaaaa aatcatggaa catgctggaa 420
aaaatcaggt gctggtgttt gtccactccc ggaaggagac tggaaagaca gccagggcca 480
tccgggacat gtgcctagaa aaggacactc tgggtctgtt tctgaggag ggctcagcct 540
ccacagaagt cctgcgaaca gaagctgagc agtgcaagaa cctagagctg aaggatcttc 600
tgcttatgg ctttgctatt catcacgcag gcatgaccag ggttgaccga acactcgtgg 660
aggatcttt tgctgataaa catattcagg ttttagtttc cacagcaact ctagcttggg 720
gtgtgaatct ccctgcacat acagtcatca tcaaaggcac ccaggtgtac agtccagaga 780
aggggcgttg gacagaactg ggagcactgg acattctgca gatgctggga cgtgccgga 840
gaccccgata tgacaccaag ggtgaaggca tactcatcac atctcatggg gagctacagt 900
actacctgtc cctcctcaat caacaacttc ctattgaaag ccagatgggt tcaaagcttc 960
ctgacatgct caatgcagaa atcgtgctag gaaatgtcca gaatgccaa gatgctggta 1020
actggctggg ctatgcctac ctctatatcc gaatgctgcg atccccaacc ctctatggca 1080
tctctcatga tgacctcaag ggagatcccc tgctggacca gcgccgacta gatctgggtc 1140
atacagctgc cctgatctg gacaagaaca atctggtcaa gtacgacaag aagacgggca 1200
acttccaggt gacagaactg ggccgtatag ccagccacta ctacatcacc aatgatacag 1260
tgcagactta caaccagctg ctgaagccca ccctgagtga gattgagctt ttcagggctc 1320
tctcattgtc ctctgagttc aagaacatca cagtgaagaa ggaggagaag ctggagctgc 1380
agaagttgct ggagaggggt cctatccctg taaaggagag cattgaggaa cccagtgtc 1440
agatcaacgt tcttctgcaa gccttcatct cacagctgaa attggagggc tttgactga 1500
tggctgacat ggtgtatgtc acacagtcgg ctggccgggt gatgagagcg atatttgaaa 1560
ttgtcctgaa ccgaggttgg gcacagctta cagacaagac cctgaacctc tgcaagatga 1620
tcgacaaaac catgtggcag tccatgtgtc ctctgcgcca gttccggaaa ctccctgagg 1680
aagtagtgaa gaagattgag aagaagaatt tccccttga gcgtctgtac gacctgaatc 1740
ataatgagat tggggagctt atccgcatgc caaagatggg gaagaccatc cacaatatg 1800
tccatctgtt tcccaagctg gagttgtcag tgcacctgca gcctatcaca cgctccaccc 1860
tgaaggtgga gctgaccatc acgccagact tccagtggga tgaaaagggt catggttcat 1920
ccgaggcttt ttggattctg gtggaggatg tggacagcga ggtgattctg caccatgagt 1980
atcttctcct caaggccaag tacgcccagg acgagcacct cattacattc ttcgtgcctg 2040
tctttgaacc gctgccccct cagtacttca tccgagtggg gtctgaccgc tggctctctt 2100

```

```

gtgagaccca gctgacctgc tccttcgggc acctgatctt gccggagaag tccccccctc 2160
caaccgaact tttggacctg cagcccttgc ccgtgtctgc tctgagaaac agtgaccttg 2220
agagtcttta ccaagataaa tttcctttct tcaatcccat ccagacccag gtgtttaaca 2280
ctgtatacaa cagtgcagac aacgtgtttg tggggggcccc cacgggcagc gggaagacta 2340
tttgtgcaga gtttgccatc ctgcgaatgc tgctgcagag ctccggagggg cgctgtgtgt 2400
acatcacccc catggaggcc ctggcagagc aggtatgacg tggcgctgtg tcatgtgaat 2460
ttccaagaa gcatttcac tgtgattccg tatgaaggct ttctaagccc tgaaatttgc 2520
agggtcattt cctcagtttg tgtattaaag aaaagctgcc ccagccaagc gtggtggctc 2580
acgcctgtaa tcccagcact ttgggaggcc gaggcgggca gaactcctga cctcaggtga 2640
tccgcccacc tcagcctctc agaagtgtg ggattatagg cctcagtgag ccactatgcc 2700
cagccaaggg aattctttag catcttgaaa caatgacata aaattgcttt atgtgccaat 2760
gtctagggtc cttaactag attgttaatt gagaatttct tttataaact tactgccttt 2820
t

```

<210> 2599

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (27)...(377)

<223> similar to gi3983152 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2599

```

aaaaggaact ccagcaactt ttatttttcag tcccaccagg atatttgca tatactccag 60
agtcactctg gagggacctg atctcagagc acagaggact agaggagtta ataaataagc 120
aaatgcgacc tttctttcgg ggaattttga tcttctctag aagttgggct gtggacctga 180
acttgcagga gaagccagga gtcattctgt atgctctgct gatagcacag aacagcaccc 240
ccattctcta caccattctc agggagcagg atgcagaggg ccaggactac tgcacttgca 300
ctgcctttac tttgaagcag aagctagtga acatgggggg ctacaccggg aaggtgtgtg 360
tcagggccaa ggtcctctgc atgagtcctg agagcagcgc agaggccttg gaggctgcag 420
tgtct

```

<210> 2600

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(210)

<223> similar to gi4530437 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2600
ctttaaaagt ttctgatgaa ttagtgcagc aatatcaaat taaaaaccag tgtctttcag      60
caatagcatc tgatgcagaa caagaaccta aaattgatcc atatgcattt gttgaaggag      120
atgaggaatt cttttttcct gataaaaaag atagacaaaa tagtgagaga gaagctggaa      180
aaaaacacaa ggtaagagaa atcacagtac accaaagggc cactgttgat tttgtagcac      240
tgcataatagt aacactctta ctaccacagt tatctcactt cttttgtctt agaatagaaa      300
gagtaatcat ttatttagaa aaacctatct ttgcccggtc gcggtggctc atgcctg      357

```

<210> 2601

<211> 540

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (429)...(543)

<223> similar to gi436218 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2601
accattgaga gttttaataa tacgtaacta cagaaaatgg agaaccacaaa ttattgtctg      60
taaacagggtg accttaaaat atagagaagg aagcaaagt actaaaccta aatagttgag      120
ggcctgcgct caaagccagg cctttgttaa tacttttaac aaagtattct ttgttaaaag      180
agagattagc agatacaagt gttaacatca aaccagact tctgagtctg aaaaagagct      240
ggccggggaa tgccctcctc atacc'ccaag cccgactgca acgcagtgc tctgggaagc      300
aaccagcct t'actctagt tgttttgtcc ccgcctcctg tgctggggta tggattctct      360
ggcctcctct aagggcagaa gcttgaggct ttgcctgcac gcttgggtaa ctgtaaacat      420
catcttcagg cataaaccat gggcctgtga ttgctggagt gattggggcc cgaaaacctc      480
agtatgacat ctggggaaac actgtcaatg tggccagccg aatggaaagc actggagaac      540

```

<210> 2602

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(398)

<223> similar to gi2065210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2602
cccattcctt ggagtggtca gccagctacc tggaggcagg ttgattatat tggacctctt      60
ccatcatggg aagggcagag gtttgcctc actggaatag acacttactt tagatatggg      120
tttgcctatc ctgcatgcaa tgcttctgtg aagactacca tccatggact cacagaatgc      180
cttgccacc atcatggtgt tccacacagc attgcctctg accaaggcac tcactttatg      240
gctaaagaag tgtggcaggg ggctcatgct catggaattc actggtctta ccatgttccc      300
catcatcctg aagcagctgg gttgacagaa tggtggaatg gccttttgaa gtcacaatta      360
caacaccaac taggtggcaa tactttgcag ggctggg      397

```

<210> 2603

<211> 579

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(229)

<223> similar to gi1364263 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2603
ctgtcctctt cagcctcagt caacagctgt gctgtgaacc cttgtcttca caatggcgaa      60
tgctgcgcag acaacaccag ccgtggctac cactgcaggt gcccgcttc ctggcaaggg      120
gatgattgca gtgtggatgt gaatgagtgc ctgtcgaaacc cctgcccac cagagccacg      180
tgcaacaata ctcagggatc ctttatctgc aaatgcccgg ttgggtacca gttggaaaaa      240
gggatatgca atttggttag aaccttcgtg acagagtta aattaaagag aacttttctt      300
aatacaactg tggaaaaaca ttcagaccta caagaagttg aaaatgagat caccaaaacg      360
ttaaatatgt gtttttcagc gttacctagt tacatccgat ctacagttca cgcctctagg      420
gagtccaacg cggtggtgat ctactgcaa acaacctttt ccctggcctc caatgtgacg      480
ctatttgacc tggctgatag gatgcagaaa tgtgtcaact cctgcaagtc ctctgctgag      540
gtctgccagc tcttgggatc tcagaggcgg atctttaga      579

```

<210> 2604

<211> 1036

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (78)...(730)

<223> similar to gi3874766 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2604
aaaagaaaga tgtggcccaa agcctagaga actatacgtc caagtgtcct gggaccatgg      60
agcccatcgc cctccctggc ggccctcacc tgccaccggt gcccttcacc aagcttccca      120
tcgtcaggca tgtgaaacta ttgaaccttc ctgctagcct ccggccacac aaaatgaaaa      180
gcttgctggg tcagaacgtg tcaaccaaaa gtccctttcat ctattcacca attatcgcac      240
acaaccgtgg agaagagcgg aacaagaaaa tagatttcca gtgggttcaa ggagatgtgt      300
gtgaagttca gctgatggta tataacccaa tgccgtttga acttcgagtt gaaaacatgg      360
ggctgctcac cagcggagtg gagttcgagt ctctccctgc ggcgctttct cttccggctg      420
aatctgggtc gtacccagtg acgctcgtcg gggtcctcga gacgactgga acgattactg      480
tgaacggtta ccataccacg gtcttcggtg tgttcagtga ctgtttgctg gataacctgc      540
cggaataaaa aaccagtggc tccacagtgg aagtcattcc cgcgttgcca agactgcaga      600
tcagcacctc tctgcccgag tctgcacatt cattgcaacc ttcttctggg gatgaaatat      660
ctactaatgt atctgtccag ctttacaatg gagaaagtca gcaactaatc attaaattgg      720
aaaatattgg aatggaacca ttggagaaac tggaggtcac ctcgaaagtt ctcaccacta      780
aagaaaaatt gtatggcgac ttcttgagct ggaagctaga ggaaaccctt gccagtttcc      840
ctttgcagcc tgggaagggt gccacgttca caatcaacat caaagtgaag ctggatttct      900
cctgccagga gaatctcctg caggatctca gtgatgatgg aatcagtgtg agtggcttct      960
ccctgtccag tccttttcgg caggtcgttc ggccccgagt ggagggcaaa cctgtgaacc     1020
cacccgagca tgtatt                                     1036

```

<210> 2605

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(377)

<223> similar to gi214636 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2605
ctgggtgata aaagtgcaga tgggtgcagct gcatattgca aaaccccgcc tggatgacta      60
ctattaccag gaatattacc agaagctaga gaagaagcag gcagacgaag agctacttgg      120
acgaagaaac cgggttgagt ccctcaagct ggtaacgcct tacattccga aggcagaggg      180
ttatgagtcc gtggtccgaa tcgaggggtc cctgggccag gtagctgtgt cgacatgctt      240
cagccctcgc cgagctattg atgcggtacc ccattggaact caagagcagg atatagaagc      300
tgcaagcagt cagaggcttc gggattata cggattgag aagatgttcc ttcagttact      360
agaaatagag gaaggctgga agtataggcc tccaccgcc                                     399

```

<210> 2606

<211> 670

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (22)...(299)
 <223> similar to gil685051 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2606
 gcaatgaaaa gataggggag tgggtgcagt gtttgtttgg caggcccagg ctggtcaggg 60
 acagggtttg accctctggc tttgtcctca gatgtgaatg aatgcacctc cggacaaaac 120
 ccgtgccaca gctccaccca ctgctcaac aacgtgggca gctatcagt cgcgtgccgc 180
 ccgggtggc aaccgattcc ggggtcccc aatggcccaa acaataccgt ctgtgaaggt 240
 cgagagctca gatcccacgt ttctagcgac ccacaaacat ctgatcacat gttcaacggc 300
 gccacacaaa accaagcaga atgagcgctg gaggcacctg gctgtgccag gcgttcgttc 360
 attcttctga ggctagatga gaaaagagca agggtcctcc ggaaggagct ggggtactga 420
 gggggggaggc tcaggggggac cccaggcaac agctgatgac tctactgggag gaaggcgttt 480
 caccatattc ataacctgct catctgcacg gggccacct gctgtgcca ggctctcca 540
 cgcttccata acccagcgct caccactcca agggggggcac taatgccagg aggaatgagc 600
 tggggggcaca gacaggagac aggaccctct ccaggctggg acaggacctg acccccttct 660
 tcctgtcctc 670

<210> 2607
 <211> 563
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(564)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(563)
 <223> similar to gi3790389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2607
 gctgatgaca ccttacactt atggaattta cgtcagaaga ggctgccat actacattcg 60
 cttaaatttt gcagagaaag ggttacattt tgccatctgc cttccagag taagtggctc 120
 tatgtgggca ctgaacgagg taatatacat attgtcaatg tggagtcctt cacactctca 180
 ggctacgtca ttatgtggaa taaagccatt gaactgtcat ctaaattctca cccaggacct 240
 gtggtccata taagtataaa tccaatggac gagggaaagc ttttgattgg ctttgaatct 300
 ggaacagtag ttttatggga cctcaaataa aagaaagccg actacagata cacatatgat 360
 gaggtatcc actctgttgc ttggcatcat gaaggaaaac aatttatttg cagtcattca 420
 gatggcacct tgactatatg gaatgtaagg tcccctgcta aaccagtaca gacaatcact 480
 ccacatggaa aacagttaaa ggatgggaag aagccagaac catgcaaacc tatcctcaag 540
 gtggaattca naacgactag atc 563

<210> 2608
 <211> 1404
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (948)...(1230)
 <223> similar to gi4850180 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2608
 ttccacaatc aacttttgga tgttttgact ggcaggagct tcagctggtg taggcggtgc 60
 cagggacaaa gggggaaaag tgccccggcc tctgggagaa gcacttcccc accctcatcc 120
 tgggaagcca tcgagtgggt accaatgggg ttcctgggtt ccagtcgtgg ctctatttct 180
 caaagccctg tgaccgtggg cacgttgccg aacctctgtg ggctcttgcc ttcaccaaca 240
 cctatctctt ctacgggtgcg taccgagtgg ggccggagag cagctccgtg tacagcatcc 300
 gcctggccta cctcctcagc ccgctggcct gcctgctcct ctgcttctgt gggactctgc 360
 ggccgatggt gaaggggctg ccgcagaaga ctctgctggg tcagggctat caggcgcctc 420
 tcagcgccaa ggtcttctcc tcatgggact tctgcatccg ggtgcaggaa gcagccacca 480
 tcaagaagca tgagatcagc aacgagttca aggtggagct ggaggagggc cgtcgcttcc 540
 agctgatgca gcagcagacc cgggccaga cggcctgccc cctgctctcc tacctgcggg 600
 tcaacgtact catcgggctc ctgggtggtg gggccatcag cggcatcttc tgggctacca 660
 agtactcaca ggacaacaag gaggagtcct tgtttctgct gctccagtag ctgccccctg 720
 gggtcategc cctggtcaac ttcttgggtc ccctgctgtt cacatttctg gtccagctgg 780
 agaactaccc tcccaacacg gaggtcaacc tcaactctgat ctggtgcgtg gtgctgaagc 840
 tggccagctt ggggatgttc tccgtctccc tgggtcagac catactgtgc attggcagag 900
 acaagagcag ctgtgagtc taccggtaca acgtttgtga ctatcagtag tgggagaact 960
 ccgtggggga ggagctgtac aagctgagta tcttcaactt cctcctcacc gtggccttcg 1020
 ccttctggtg caccctgcct cggaggctgc tgggtggacc gttctcaggc cggttctggg 1080
 cctggtctga accggaggag ttcttgggtc ccaagaatgt gctggacatc gtggcggggc 1140
 agacggtcac ctggatgggc ctcttctact gccccctgct gccccctgct aatagcgtct 1200
 tcctcttctt caccttctac atcaagaagg tgacggctca tggctggggg gtatgggggt 1260
 cgtgcctctg ggtggatgcc ttgagctggg ctgcctcct gctcctgctc ctgccccctt 1320
 ccctgggtgt cagccccctg gggctctgat aactcgtgta ctctggtt ctattgcttg 1380
 cgccccagat acacccttct gaaa 1404

<210> 2609
 <211> 799
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (14)...(576)

<223> similar to gi3881525 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2609
cggacgcgtg ggctgcttcg aagggcggtt ccatgaacgc tgtcagcagc cctgcaagcg      60
cctgcttata tgctcacaca agtgccagga accatgcatt ggtgagtgcc caccctgcca      120
gcggaacctg cagaaccgct gtgtccacag ccagtgaag aagaaatgtg gggagctgtg      180
tagtccctgc gtggaacctt gtgtctggcg ctgccagcac taccagtgc ccaaactctg      240
ctctgagccc tgcaaccgac ccccatgcta tgtgccttgt actaagctgc tagtttgtgg      300
ccaccctgc attggtctct gtggggagcc atgccccaa aaatgccgga tctgccacat      360
ggatgaggtc acccaatat tctttggctt tgaggatgag cctgatgccc gctttgtgca      420
gctggaagac tgcagccaca tctttgaggt gcaagcccta gaccgctaca tgaatgaaca      480
gaaggatgat gaagtcgcca tcagattgaa agtctgcctt atctgccagg tgcccatccg      540
caaaaacctg aggtatggaa ctagcataaa acagcggcta gaagagattg aaatcatcaa      600
ggaaaagatc cagggctcag caggggaaat agcaaccagc caggaacggc ttaaggccct      660
gctggagagg aagagcctcc tccaccagct gcttctgaa gacttctga tgttaaagga      720
gaagctggcc cagaaaaatc tgtcagtga ggaacctgggt ctggatgaga attacatcaa      780
cttctatgac cacctggcc      799

```

```

<210> 2610
<211> 767
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (426)...(581)
<223> similar to gi439296 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2610
cgtcagggag ggctccctgg tggaggaggc cctgaagctc agtgtgaaga gttcatgtgt      60
ggatctgggt ggggatggca taaccagctc agggagcagg cccagcagt ggggtgtgga      120
accccatgat gggcagtggt cagctgtggt cactgcatgt gggctgggtt gggaggtggg      180
ggacaggttg gcaggggcta caaacagcct cgaaggccct gctggggatc cctggacttc      240
accgtggaga agtttaagcc aagctgcctc attgtcagag tagagctttt gagcagttgt      300
caggcattta gcagtgaagtg ggtcagaacg ggttgccgga gacagaagct gggggcgggtg      360
agcctgagcc cggtgattgt gaaagtcaga cctttttctg ggaaaggctg gggttccttg      420
aggcctgcat ctccgacttc agcctccagc agctgccggg gctagacctg agctgcaaca      480
gcatcgaggg ctttcagacg gcctcccagc cccaggctga gttccagctc acctggcttg      540
accttcatat tggctctctg catectctc accacgctgg ccgctgctg ctgctccgc      600
cggcagaagt ttaaccaaca gtataaagcc ccgtcatgct ctcttctgcc tccagcctct      660
ccctgtttac gtcttctctc cagacttcag ctggactcaa gtcttgctcg tcttaaaaaa      720
agtgagaagc ccctcagcca ctttccctt cgtctcccca ctcttca      767

```



```

<210> 2611
<211> 1220
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (178)...(1218)
<223> similar to gi3881525 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2611
tttttttttt ttaagaaaaa tagaggccag gtgcggtggc tcacacctgc aatcccagca      60
ctttgggagg ccaaggtctc tctctggagc agagtaagtg gccagtgcag gtcaagagag      120
gaagaaaaaa acaagtgcc aagagtgaacc ttttaacatg tcacttcctt tccctgtcag      180
gggggtgtctt ccaacctttt ctgtgtagaa cacaactttc ctgaacagga aatccaagag      240
ggcaaaagcc atcagaacca gcatgaggct cactttgtgg tagagctgtg caagtacttc      300
ctgtgccagg aataacctgc ttcccagatc accatcctca ctacctatac cgggcagctc      360
ttctgcctgc gcaaactgat gcctgccaag acatttgctg gcgtcagggt ccatgttgtg      420
gacaaatacc aagggaaga gaatgacatc atcctcctct cgctagtgcg gagcaaccaa      480
gaaggcaagg tgggttttct gcagatatcc aaccgcctct gtgtggcctt gtcccagacc      540
aagaagggaa tgtactgcat cggaaacatg cagatgctgg ccaagggtgc cctgtggagc      600
aagatcattc atacacttcg agagaacaat caaataggcc ccatgctccg gctctgctgc      660
cagaaccacc ctgaaaccca caccttagta tccaaagctt ctgacttcca aaaagtaccc      720
gaaggaggct gcagcctgcc ctgcgagttc cgcctgggct gtgggcatgt ctgcacccgt      780
gcctgccacc cttatgactc ttcacacaag gagttccaat gcatgaagcc atgccagaag      840
gtcatctgtc aggaagggca ccggtgtccc cttgtttgct tccaggagtg tcagccttgt      900
cagggtgaag tgcccaaaac cattcctcgg tgcgcccatg aacaaatggt cccttggtcc      960
gtgcctgagt cagatttctg ctgccaggag ccttgctcca agtctctgag atgtggggcac      1020
agatgcagcc acctatgtgg tgaggactgt gtgcagttgt gttcagaaat ggtcaccata      1080
aaactcaagt gtgggcacag tcaaccggta aaatgtggtc atgtggaagg cctcctgtat      1140
ggtggtctgc tagtcaagtg taccacaaag tgtggcacta tcttgactg cgggcatcct      1200
tgcccaggct cctgccacag

```

```

<210> 2612
<211> 717
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (181)...(397)
<223> similar to gi307082 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2612
tgaactgagc caccagaga cttcaggcag aaatcaccaa cctcaggaaa cagatgggac      60
cccaactcag cagtgtgctg ccctgcaaga caccatcctg gaggcagagc agaagggcaa      120
ggtagccatc ggagatgccc aggacaagct ggctgaggtg gaggctggac cagctgctct      180
gtgcggttcc tggagcagca gaaccagggtg ctggagacca agtgggagct gctacagcag      240
ctggacctga acaactgcaa gaataacctg gagcccatcc ttgagggcta catcagcaac      300
ctgcggaagc agctggagac gctgtctggg gacaggggtga ggctggactc ggagctgagg      360
agcgtgcggg acgtagtggg ggactacaaa aagaggtgag caggaggagt cccctgttaa      420
ctggacaact gcccttgtcc ctccaaggga cccctggcag tcacccagc ttaaattgctt      480
tggaggtcag tggagggcat tgttcttggg catatcaagc agaatcacc caacaaaact      540
ctggaacttg ctctctgctc ctccagcctc tggcctgact cttaggacaa atgccagtg      600
agctgggcag tgggcagagg gttatctctg gctctgggtt tagggaatgt ttggggaaac      660
cactcacgtt ctctcccat gtaagaggag ggттаagtgc atctggcttc aagactg      717

```

```

<210> 2613
<211> 427
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (202)...(15)
<223> similar to gi3184100 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2613
cccacgcgtc cgtgacactc caagagtctt tcaccaaaca ggtagttggt cattgtttca      60
gcaactatct tggcaacatc ctcagactca aactccacaa atgcatagcc tttgccattt      120
ccagtcattt tacttctgga cagtctgaac tgtgtcacag tgccaaactg ggagaaatat      180
gaaaagatct gggtttcggt aagtagggtt gttcttgttt tttttgctgg gttatgtgct      240
tgcaaacctg cgccacctcc ttttgaaact ggacatcttc ctgcgggtta agcagtgaga      300
tctcagccag gccagaaaaa gctgccatgc caaaagcggc cgacactaac tccacgcggg      360
gctcctggaa acgtcgggct cccagctccc atgaggcaga aaacgggcat ctattctttt      420
aacatac                                         427

```

```

<210> 2614
<211> 416
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (21)...(419)
<223> similar to gi687822 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2614
tttgcagtgg aacatttttt ccatatagct ccaatcctgc taatccgaag ccaaagagag      60
tgttttcttca gcatatgact agaacattcc atgacttgga aggaaatgca gttaaacggg      120
actctggaat atggatcaat gggtttgatt atactggaat ttctcacata acccctcaca      180
ttcctgagat caatgatagt atccgagctc actgtgagga gaatgcacct ctttgtgggt      240
ttccttggtgta tcttccagtg cactttctga tcaggaaaaa ctggtatctt cctgccccag      300
aagttttctcc aagaaatcct cctcatttcc gactcatatc caaagaacag acaccttggg      360
attctataaaa attgactttt gaagcaacag gaccaagcca tatgtccttc tatgtt      416

```

<210> 2615

<211> 497

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(498)

<223> similar to gi3021409 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2615
agacattgta tacgagaagg ggggcacgac gtcccaagta ataaagatgt cacctcactg      60
gactggaaca gtgatggaac actattggct atgggttcat atgatgggtt cgcaagaata      120
tggacagaaa atggtaacct ggccagcacc ttatgccaac ataaaggccc catcttcgct      180
ctgaaatgga acaaaaaggg gaattatgtt ttgagtgtctg gtgtagacaa aacaacaata      240
at ttgggatg ctcacacagg agaagccaaa cagcagtttc cttttcattc agcccccgcc      300
cttgatgtgg actggcagaa caacatgacc tttgcctcct gtagcacaga catgtgtatc      360
catgtgtgca ggctcggctg tgaccaccca gtcaaaacct ttcagggaca cacaacagag      420
gtcaatgccca tcaaatggga tccttctgga atgttgctgg cggctctgctc ggatgacatg      480
acattgaaga tctggag      497

```

<210> 2616

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(499)

<223> similar to gi3806122 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2616
tttcgtggcg ccgtgggcaa gaggcagctc atcgtcagct acacctgcaa tgggtacccc 60
gcgcgctacc ggcccactgc gctggacacc ttctctgtgc aagtcctggg ggatggagct 120
ccggtgcgca ttgagctctg ggacacagcg ggacaggagg attttgaccg acttcgttcc 180
ctttgctacc cggataccga tgtcttctg gcgtgcttca gcgtgggtgca gcccagctcc 240
tttcaaaaca tcacagagaa atggctgccc gagatccgca cgcacaaccc ccaggcgctt 300
gtgctgctgg tgggcaccca ggccgacctg agggacgatg tcaacgtact aattcagctg 360
gaccaggggg gccgggaggg ccccggtccc caaccccagg ctccagggtct ggccgagaag 420
atccgagcct gctgctacct tgagtgtca gccttgacgc agaagaactt gaaggaagta 480
tttgactcgg ctattctc 498

```

```

<210> 2617
<211> 780
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (304)...(780)
<223> similar to gi193367 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2617
tctaaaggct cctttgcttt tgggaaatgt gctcagagga agaactctgc agctgaactg 60
tccctccctc tggggctgcc ctgggtcttt ggctgcctgt gtccctcaggg tggggcagg 120
tggcacttcc ctctggctct ccccgagca gggcttgccg cttgtcctcc tctctactca 180
caaaaccctc ctggatggga tctgctgcc ctttatgctg ctctcccagg gcttgggtgt 240
gcttcgtgtg gcttgggact cccgcgctg ctcccctgcc ctccaggctc ggccccctg 300
gggctgtgga caggagctct ggctgtccta cgtagcttgg ggagccgctg gggctgcagc 360
caccggatct gctcctgggt gcgcctagct cagccctttt ccctgcagga atacatcgtc 420
agtgccagaa gctgctgggg cggcaaacag accctggagc agctactgca gcccatcgtg 480
ctggggccaa gtactgctgt cccagacact gagaaggagc aggagtggac ccccataact 540
gggcctctcc tggccctcaa ggaagaggac cagctcctgg tcaggagact gagctgtcat 600
gtcctgagtg ccagagtagg gagctctgcg gagatgagca cggccattat ggcaacgctg 660
ctgctcttca agcatcagaa ggggtgtgtt ctgtcgcagc tcttgngga gttctcctgg 720
ctgacggagg agatactagt gcgtggcttt gatgtangct tctctgggca gctgcggagc 780

```

```

<210> 2618
<211> 558

```

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(554)
 <223> similar to gi4887715 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2618
 cccccgaagg gccagggccc tgctggacgt gacactgctg gacatcaatg accatgcccc 60
 ggctttcaat cagagccgct accatgctgt ggtgtctgag agcctggccc ctggcagtc 120
 tgtcttcag gtgttcgcat ctgatgccga tgctggtgtc aatggggctg tgacttacga 180
 gatcaaccgg aggagagcg agggatgatg acccttctcc atcgacgcac acacggggct 240
 gctgcagtta gagcgccac tggactttga gcagcgccgg gtccatgaac tgggtggtgca 300
 agcacgagat ggtggggctc accctgagct gggctcggcc tttgtgactg tgcattgtgcg 360
 agatgccaat gacaatcagc cctccatgac tgatcatctt ctcagtgcag atggctcccc 420
 ccaagtgtct gaggccgccc cacctggaca gctcgttgcg cgcatctctg tgcagacccc 480
 agatgatggt gactttgccc atgtcaatgt gtccctggaa ggtggagagg gccactttgc 540
 cctaagcacc catgtatt 558

<210> 2619
 <211> 569
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (41)...(571)
 <223> similar to gi663111 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2619
 caccgtgctg gaattccccg gtcgacgatt tcgtcaggag caccgggtgca gcccaagtgg 60
 tgactgtctc aatgtccctg gtcctaccg ctgcacctgt cgccagggtt ttgccgggga 120
 tggcttcttc tgcgaagaca gggatgaatg tgccgagaac gtggacctct gtgacaacgg 180
 gcagtgcctc aatgcgcccc gcgggtaccg ctgtgaatgt gagatgggct ttgacccccc 240
 cgaggaccac cgggcctgcc aggatgtgga cgagtgtgcg caagggaacc tctgtgcatt 300
 tgggagctgt gagaacctgc ctggaatgtt ccgctgcac tgcaatggtg gctacgaact 360
 ggaccgaggg ggtggcaact gcacagacat caacgagtgt gcagacccag taaactgcat 420
 caacggcgtg tgcattaaca cccccggcag ctacctctgc agctgcccc aggatattga 480
 gctgaacccc agcggagtgg gctgcgtgga cactcggggc gggaactgtt tcctggagac 540
 gcatgaccga ggggacagtg gcatttcc 569

<210> 2620
 <211> 568
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (161)...(555)
 <223> similar to gi3875423 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2620
 caccgttctt gaattcccgg gtcgacgatt tcgttgcaag aggtgccact caaatcatca 60
 cagtaatgaa gtggggggccg ctgcggagac tcacctctat cagacctctc ctccgcccatt 120
 caacacgcgg gaatgcggcg ctgaggagct ggtctgcgcc gtggaagccg tgatcagctt 180
 gttgaaagaa gccgagttcc atgctgagca gcgagaacat gagctgaacc ggcggcggca 240
 gctgggcctc tcctcttccc accattccct ggataatgct gactttgata acaaggacga 300
 tgataaacac gatcagaggc tgctcagtca attcgggaata tggttcttag tgagcctctg 360
 cacaccagt gagaacacgc ctacagaaag cttggcccgg ctggtggcca tgggtgttca 420
 gtggtttcac tccactgcgt atatgatgga tgatgaagtg ggaagtctgg tggaaaagct 480
 gaagcctcag tttgtcacca aatggctgaa gaccgtatgt gatgttcgct tcgatgtcat 540
 ggtcatgtgc cttcttccca aacccatg 568

<210> 2621
 <211> 542
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (175)...(543)
 <223> similar to gi438056 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2621
 tttcgtaaag agggactcac tgggaaatac tgtgataaat ctgttactcc tgacactgcc 60
 ttatcattag aaggcaaagg gcgcttgac taccacatga gtcagaatga gaagcgggaa 120
 tgtttggtta ggcaaagctt acgaggtgcc atgttgaggc cttttggtgt gaacagtctg 180
 gaagtaaaat ttaggaccag aagcgagaat ggcgttttaa tccatatcca agaaagcagc 240
 aattacacta ctgtgaagat taagaatggc aaagtatatt ttacatccga tgcaggaatt 300
 gctgggaaag tggagagaaa tattcctgaa gtatatgttg cagacggcca ctggcacact 360
 tttctaattg ggaaaaatgg aacagcaaca gtattgtctg ttgacagaat atataacaga 420
 gatattatcc accctactca ggaactcggt ggccttgatg tgcttactat atcacttgga 480
 ggaattccac ccaatcaagc acatcgagat gcccaaacag cagggtttga tggctgcatt 540
 gc 568

<210> 2622
 <211> 557
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (41)...(385)
 <223> similar to gi5360129 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2622

gaattccccg	gtcgacgatt	tctgtggcgct	tgcagccagg	cagggcccag	atcagtcctc	60
cctcggcatg	gggctggagg	ctcagaggct	gccaggggct	gaggaggccc	cagtgcgggt	120
tgccctgcga	gttcgaccac	tgctgcccac	ggagctgctg	cacgggcatc	agagctgcct	180
gcaggtggag	ccagggtctg	gccgcgtcac	tctgggcccgt	gaccgacact	ttggcttcca	240
cgtggtgctg	gccgaggatg	ccgggcagga	ggccgtgtac	caggcctgcg	ttcagcccct	300
ccttgaggcc	ttcttcgagg	gcttcaatgc	cactgtcttt	gcctatggtc	agacgggctc	360
agggaagaca	tacaccatgg	gggaggccag	tgtgggtgag	tgaccctgtt	cgtggccctg	420
tgcccacttt	aaggagcctt	agttccttcc	tggatttctg	ccccgtcctc	ttgctgcctg	480
ttctgtggaa	ggtgggggatg	ctgggggagg	aagagttgat	ttcctagaca	gggatctgtg	540
gcccaggctg	ggaccaa					557

<210> 2623
 <211> 560
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(550)
 <223> similar to gi4038413 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2623

ttccattaaa	aaatatttga	gctcagactg	cccagtccca	agccaatgtg	tgcttgctcg	60
gaccttgaat	aaacagggca	tgatgatgag	tatcgccacc	aagatcgcta	tgcagatgac	120
ttgcaagctc	ggaggcgagc	tgtgggctgt	ggaaatacct	ttaaagtcct	tgatggtggt	180
cggatttgat	gtctgtaaag	atgcactcag	caaggacgtg	atggttggtg	gatgcgtggc	240
cagtgttaac	cccagaatca	ccagggtggt	ttcccgtctg	atccttcaga	gaacaatgac	300
tgatgttgca	gattgcttga	aagttttcat	gactggagca	ctcaacaaat	ggtacaagta	360
caatcatgat	ttgccagcac	ggataattgt	gtaccgtgct	ggtgtagggg	atggtcagct	420
gaaaacactt	attgaatatg	aagtcccaca	gctgctgagc	agtgtggcag	aatccagctc	480

```

aaataccagc tcaagactgt cggtgattgt ggtcaggaag aagtgcacgc cacgattctt 540
taccgaaatg aaccgcactg 560

```

```

<210> 2624
<211> 531
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(534)
<223> similar to gi687210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2624
taccttggtt tatagggaat attatccaga tctacgaaat gatgctggtg agacatggct 60
atatgattgt aggagacccc atgggcggca agacctctgc ttataaagtg ttggctgcag 120
ctctcggcga ttacacgcga gccaatcaga tggaggagtt tgctgtggag tacaagatca 180
tcaaccccaa ggctatcacg atggggcagc tgtatgggtg ctttgaccaa gtgagccacg 240
agtggatgga tgggtgtcctt gccaatgctt tccgggagca agcgtcttca ctctctgatg 300
atcgcaagtg gattatatatt gatgggcccag tggatgctat ttggattgaa aatatgaaca 360
ctgttctgga tgacaataaa aagctgtgtc tcatgagtgg ggaaattatc cagatgaact 420
ccaagatgag cctgatcttc gagcccgccg acctcgagca agcctctcca gccactgtga 480
gcaggtgtgg gatgatctac atggagcccc atcaactagg ctggaagccc c 531

```

```

<210> 2625
<211> 536
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(437)
<223> similar to gi5669800 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2625
ctggggtgcc ccgcaacctg ccttcagcc tggagtatct gctgttgtcc tacaaccgca 60
tcgtcaaact ggcgcctgag gacctggcca atctgaccgc cctgcgtgtg ctcgatgtgg 120
gcggaaattg ccgccgctgc gaccacgctc ccaaccctgc catggagtgc cctcgtcact 180
tccccagct acatcccgat accttcagcc acctgagccg tcttgaaggc ctggtgttga 240
aggacagttc tctctcctgg ctgaatgccg gttggttccg tgggctggga aacctccgag 300
tgctggacct gagtgagaac ttctctaca aatgcacac taaaaccaag gccttcagg 360

```



```
gcctaacaca gctgcgcaag cttaacctgt ctttcaatta ccaaaagagg gtgtcctttg 420
cccaccttgt ctctggggccc cttttccttc ggggaagcct gggtcgcccc ttgaagggag 480
ctggggacatg gcacggcaat ctttctttcc cgctccactt cgaatggggg aagacc 536
```

```
<210> 2626
<211> 539
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(540)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (1)...(432)
<223> similar to gil513030 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2626
gtcagatggt tctgtgaagg gaaagaactg cacaacactc ctgatattca aatccactgt 60
gagggagggg acctccatac cctgatcata gcagaggcct ttgaggacga cacaggtcgc 120
tacacctgtt tggctacgaa tcccagcggc tcagacacaa catctgctga ggtgttcatt 180
gaaggtgccg gttcaacaga ttctgacagt gaaagtttag ctttcaaadc aagagctgga 240
gctatgccac aagctcaaaa gaaaacaact tctgtttcct tgacaatagg atcatcatct 300
ccaaagacag gggtgaccac agctgtgatt caaccactgt ctgtccctgt gcaacagggt 360
cacagtccaa cttcatatct ctgccgacct gatggaacca ctactgcta ctttcctcct 420
gtttttacaa aggaactggc aaaacacagg cccgtggcgg aaggggccag gtggtgggtt 480
ctggggagtgc cgggtccgtg gggcnnnacc ccctctgcag ggtccagggt ggggggttcc 539
```

```
<210> 2627
<211> 568
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (3)...(562)
<223> similar to gi488555 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2627
```

aagagtgtgg	gaaagccttc	acccattctt	cataccttac	tgatcataca	agaatccaca	60
gtggaaagaa	gccctatgta	tgtatggaat	gtggaaaagc	cttcactaga	tccacaggac	120
ttattttaca	catgcgaatt	cacactggag	aaaagccata	tgaatgtaag	gagtgtggaa	180
aagcttttat	tcattcctca	taccttacia	aacatgtaag	gattcacagt	ggagagaagc	240
tgtattttatg	taaggcatgt	gggaaagctt	ttactcgttc	ctcaggactt	gttttacaca	300
tgagaacaca	tactggagaa	aagccctatg	aatgtaaaga	atgtgggaaa	gcctttaata	360
attcctcaat	gcttagtcaa	catgtaagga	ttcacactgg	agagaagcca	tatgaatgca	420
aagaatgtgg	gaaagctttc	actcaatcct	cgggccttag	tacccattta	agaactcaca	480
ctggagaaaa	ggcctgtgaa	tgtaaggaat	gcggtaaagc	atttgctcgt	tccacaaatc	540
ttaatatgca	catgcgaacg	caacgaaa				568

<210> 2628

<211> 572

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(573)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (21)...(575)

<223> similar to gi340444 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2628

tttcgtattt	gggagaccaa	agtggggaga	aactctttga	ctgcagccag	tgcaggaaat	60
ccttccactg	taagtcatat	gttcttgaac	atcaaaggat	tcacacccag	gagaagccct	120
ataaatgtac	caaatgtagg	aaaaccttta	gatggagatc	aaactttact	cgtcatatga	180
ggttgcatga	ggaggaaaaa	ttctacaaac	aagatgaatg	tcgtgaaggc	ttcaggcaat	240
ctcctgactg	cagtcagccc	cagggtgctc	cgcgtgtgga	gaaaacattt	ctgtgtcagc	300
agtggtggaa	aacttttact	agaaagaaaa	ctctcgttga	ccaccagaga	attcacacag	360
gtgagaaacc	ttaccagtgt	agcgattgtg	ggaaggactt	tgcttatagg	tcagccttta	420
ttgttcataa	gaagaagcat	gccatgaaaa	gaaaacctga	gggcgggcca	tcttttnagt	480
caggacacag	tgttccaggt	tcctcaaaca	gtcactccaa	aaaggagccc	tacaaatgca	540
gccagtgtgg	caaggccttt	cgcaatcact	ca			572

<210> 2629

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (229)...(785)

<223> similar to gi2459833 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2629

tttcgtgtca	gcacctctgt	gtgagaggct	gctacctgag	gtgggatggc	catgggtggg	60
tcccagctcc	tgcaccccag	tggtctccca	cagggttctc	tctggctccc	acaccacccc	120
ctcattcttc	agtttcccca	tggagggcag	ctgctggcat	tcttgctctg	cccaggctta	180
ctatgaaggc	tgctgaggaa	cctgtaaaca	catctctggc	ctcaccagag	gcccttcctg	240
ttcgcattcc	tcagatggca	agactgtaaa	ttcacctgtc	acccagaatg	ccgcagcctg	300
atccagttgg	actgcagtca	gcaggagggt	ttatcccggg	acagaccctc	tccagaaagc	360
accctcaccg	taaccttcag	ccagaatgtc	tgtaaacctg	tggaggagac	acagcgcccg	420
cccacactgc	aggagatcaa	gcagaagatc	gacagctaca	acacgcgaga	gaagaactgc	480
ctgggcatga	aactgagtga	agacggcacc	tacacgggtt	tcatcaaagt	gcattctgaaa	540
ctccggcggc	ctgtgacggt	gacctgctgg	atccggcccc	agtccatcta	tgatgccatc	600
aaggaggtga	acctggcggc	taccacggac	aagcggacat	ccttctacct	gcccctagat	660
gccatcaagc	agctgcacat	cagcagcacc	accacgctca	gtgaggtcat	ccaggggctg	720
ctcaagaagt	tcattggtgt	ggacaatccc	cagaagtttg	cactttttaa	gcggatacac	780
aagg						784

<210> 2630

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(390)

<223> similar to gi3170979 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2630

tttcgtccca	agtacacttg	gtgcagtctg	gggctgaggt	gaagaagcct	ggggcctcag	60
tgaaagtctc	ctgtaaggct	tctggataca	tcttttagcga	ctacttatta	cactgggtgc	120
gacaggcccc	tggacaaggg	cttgagtggg	tgggatgggt	caatcccaaa	agtggcgcca	180
cagagtatgc	acagaagtct	cggggcaggg	tcaccatgac	caggatcatg	tccatcagca	240
cggcctacat	ggaactgagc	aggcttacat	ctgacgacac	ggccatttat	tactgcgcga	300
gagggagtta	ctatgttcag	ctgggtgtaca	gtatagttag	gggtgctttt	gacaggtggg	360
gccaggggac	agtggtcacc	gtctctt				387

<210> 2631

<211> 572

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(574)

<223> similar to gi303603 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2631

cctgctgagt	ggtgggtgaca	agtggagccg	ccaccgtcgg	atgttgacgc	ctgccttcca	60
tttcaacatc	ttgaagcctt	atatgaagat	tttcaacaag	agtgtgaaca	tcatgcacga	120
caagtggcag	cgcctggcct	cagagggcag	cgccagactg	gacatgtttg	aacacatcag	180
cctcatgacc	ttggacagtc	tgcagaaatg	tgtcttcagc	tttgaaagca	attgtcagga	240
gaagcccgat	gaatatattg	ccgccatctt	ggagctcagt	gcctttgtag	aaaagagaaa	300
ccagcagatt	ctcttgacac	eggacttcct	gtattatctc	actcctgatg	ggcagcgctt	360
ccgcagggcc	tgccacctgg	tgcacgactt	cacagatgcc	gtcatccagg	agcggcgccg	420
caccctcccc	actcagggta	ttgatgattt	cctcaagaac	aaggcaaagt	ccaagacttt	480
agacttcatt	gatgtgcttc	tgctgagcaa	ggatgaagat	gggaaggaat	tgtctgatga	540
ggacataaga	gcagaagctg	acaccttcat	gt			572

<210> 2632

<211> 913

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (342)...(916)

<223> similar to gi4966270 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2632

cagatctgcg	atttcttggg	gacatctcgc	gcatagctgc	tgatgtgaca	gtgttatcac	60
atgttaattt	tcctatgatg	ggtcgtgtgg	gagtaatcac	tgtggttctt	tgattctgct	120
tagggcaagc	aagctccaca	tatgcggaac	aaactggaaa	gctgaccgaa	tttgtgtcta	180
acctggcggtg	ggatttcgca	gtcaaagaag	ggttcggggt	tttcaaagag	atgcccttca	240
caaatccggtt	aacaaggctc	taccacacgt	gggccaggcc	ccagtcaccg	tggtgccccca	300
caggcagcag	gagttatagc	tccgttcacg	aagcttcccc	agctcatacc	tcaagggggag	360
gtctgggttat	ctctccagag	agcctctctc	cacctgtcag	agagctgtat	caccggctga	420
agcacttcat	ggagcaacgt	gtgtaccctg	cagagccaga	gctgcagagt	caccaggcct	480
cagcagccag	gtggagcccc	tccccactga	tcgaagacct	caaggagaaa	gccaaagctg	540
aaggactttg	gaaccttttc	ctacccttag	aggctgatcc	cgagaaaaaa	tacggagcag	600
gactgaccaa	tgtggaatat	gcacatctgt	gtgagctcat	gggcacgtcc	ctgtatgccc	660
ccgaggtatg	taactgctct	gcgcctgaca	cgggcaacat	ggagctgctg	gtgaggtatg	720
gcaccgaagc	gcagaaggct	cgctggctga	ttcctctgct	ggaggggaaa	gcccgcctct	780
gttttgctat	gaccgagccc	caggttgcc	cttcagatgc	caccaacatt	gaggcttcca	840
tcagagagga	ggacagcttc	tatgtcataa	atggtcacaa	atggtggatc	acaggcatcc	900

```

<210> 2633
<211> 606
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(609)
<223> similar to gi4580997 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2633
tttcgtgcaa ctggttcggg aaggggaagc gggggttcat catgggcatc tggaattccc      60
acacatctgt gggcgacatc ctgggctccc tgatcgccgg catctgggtg aacgggcagt      120
ggggcctgtc gttcatcgtg cctggcatca ttactgccgt catgggcgtc atcaccttcc      180
tcttcctcat cgaacaccca gaagatgtgg actgcgcccc tcctcagcac cacggtgagc      240
cagctgagaa ccaggacaac cctgaggacc ctgggaacag tccctgctct atcaaggaga      300
gcggccttga gactgtggcc aaatgctcca aggggccatg cgaagagcct gctgccatca      360
gcttctttgg ggcgctccgg atcccaggcg tggacgagtt ctctctgtgt ctgctgatag      420
ccaagctggt cagttacacc ttctctact ggctgcccct ctacatcgcc aatgtggctc      480
actttagtgc caaggaggct ggggacctgt ctacactctt ccatgttggg ggcatacatg      540
gcggaatcga ggcagggtc gtctctgact acaccaatgg cagggccacc acttgctgtg      600
tcatgg                                           606

```

```

<210> 2634
<211> 512
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (355)...(453)
<223> similar to gi3493328 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2634
tttcgttctg tcagaacctg atggctgcct ccagtgtcgc tccccggag aggtgaaggc      60
gcgggcagct ccctgagtgg tggggctcct ctgggtgcc cctcttgctg ggccaagtct      120
gcagaccagg gactcatgag ctcgctctccg caggagcatg cggcgatgct gattttcatc      180
aaataggacg cagcagaagt tgggaagcac tgcagaagat gggttgtctt ccagaaagac      240
cactgttttg gggaacagct tggctctttc ttcgcccgct ggtggttggg ttagctgttg      300

```

gagggatgtg	caggactgaa	tggctagtag	tgatggtttc	acggctgtct	ctgcaggcag	360
ggcccttggg	ctgccctctt	cgtgaggacc	atgtgtggac	gtgtgctccc	tgcagtgtc	420
acccggctct	gccagctgct	ccgtcaccag	gtgaggctct	ccttcattggg	ggccaccctt	480
gggggcccac	tctgagggcc	aggctgctac	tt			512

<210> 2635
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(343)
 <223> similar to gi4062472 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2635						
gcgctgcat	tatctcagga	atcggtcttg	gatctctata	tggcctgatg	ccgctgtacc	60
tcaatcacia	aggggtgagc	aatgccagca	ttgggtttctg	gatggcggta	ctgggtcagt	120
cggttatcct	tggacaatgg	ccgattggac	gtctggcgga	taagtttggt	cgactgtctg	180
tggtgctgt	tcaggtcttt	gtcgtcattc	tggcagtagt	cgcgatgctt	agccaggcgg	240
cgatggcccc	agcgttattc	atcctcggtg	ccgctggctt	tacgtatat	ccggtggcga	300
tggcatgggc	ttgcgagaaa	ggtgaacatc	atcaactggt			340

<210> 2636
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(465)
 <223> similar to gil742763 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2636						
tgaacacttc	tttgccgcgc	ttaatgcggc	ggtagcctct	gatggtacgt	ttatttatgt	60
gcctaaaggc	gtgcgctgcc	cgatggaact	ttccacctat	tttcgcatta	acgcacaaaa	120
aaccgggcag	tttgagcgca	ccattctggt	ggccgacgaa	gacagctacg	tcagctacat	180
tgaaggctgt	tccgctccgg	tgctgtgacg	ctatcagtta	cacgcggcag	tggtggaagt	240
catcatccat	aaaaacgccg	aggtgaaata	ttccacggta	caaaactggt	ttcctggcga	300
taacaacacc	ggcgggtattc	tcaacttcgt	caccaagcgt	gctttgtgcg	aaggcgaaaa	360
cagcaaaatg	tcattggacgc	aatcagaaac	cgggtcagcg	attacgtgga	aatatcccag	420

ctgcattttg cgcggcgata actccattgg tgagtttttg tca

463

<210> 2637

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(436)

<223> similar to gil787602 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2637

ctgcagctag	ataatttcct	caccaccgga	tttctcgaca	tcattcccact	aagtcagccg	60
ctggagtttc	ggcggaagg	gttgcaacat	gggtgctgg	ataagctgcg	cagtggtaaa	120
tatccgcaac	aggcgagcct	gaatcttttg	cgccagccgg	tggaagagtg	ccgcaaaatg	180
gtgttcagtt	ttattcaaca	agccctggcg	gatggtttgc	gtaacgtgct	gattattcat	240
ggtaaagggc	gggatgataa	atcgcatgcc	aatattgtcc	gcagctatgt	ggcgcgctgg	300
ctgaccgaat	ttgatgatgt	tcaggcatat	tgcaccgcgc	taccgcatca	tggcggcagc	360
ggggcggtgt	acgtcgcact	acgtaaaacg	gcgcaggcga	agcaagaaaa	ctgggagcgc	420
cacgctaagc	gcagt					435

<210> 2638

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(168)

<223> similar to gi5912034 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2638

atccccggtg	aggcattcgg	cacgagatgg	aaccttgttt	ttgtcggctt	attttcctag	60
atgggaagtg	atggaatttt	acgcctcagt	acttcagctc	taaataatga	attctttgca	120
tatgcagcac	aagggtggaa	acagcgactg	gcagaaggta	aattttgtatt	ttctattatt	180
atgtgacata	ttggagtaca	cataccgtac	tgagcttgta	cctttctctg	atttttcagt	240
cttttccccg	acacagtaaa	ctttaattta	gtaaaaactc	atatcccttt	ccaaatgagt	300
tcaactgattc	ttttgttata	cttgacatta	ttgatgtcag	atatttttga	agaaagcata	360
attttatctt	ggacatcata	aaatttttga	tgcagcaaca	ttttcttgcg	gatggtaatt	420
ttaatgacat	tggttgatcc					440

<210> 2639
 <211> 467
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (195)...(329)
 <223> similar to gi3806164 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2639
tggggaattc ggcacgagga ccaactggcag ggtaatgccc accgctcgca gaccgaggac   60
gagtttgccc agctcttcca gtacaaggca gtgagtggag ttggagttag ggctgctag   120
agactggctg gtagctcggt ggtgagggct gggctccctc ctgctcgctt gtgaccttgg   180
tcccgccttt ttaggtgttc attttgaag agttgctgag cccattgtc acaccctca   240
tcctcatctt ctgctgcgc ccacgggccc tggagattat agacttcttc cgaaacttca   300
ccgtggaggt cgttggtgtg ggagatacct gctcctttgc tcagatggat gtccgccagc   360
atggtcatcc ccaggtactg ggagaggagg gagccagggt gcctgggatg atgctggaac   420
atacagtgtc ttcgggaaaa ccgcaaaaag acacctctcc tgagtca   467
  
```

<210> 2640
 <211> 666
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(669)
 <223> similar to gi882460 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2640
ttattggtgc ttatcatgcc aattatcaca ccacgcaata tgtttatgag catcgcatgg   60
gcgtcaaacc tggcggcaat attgcactgc tggcgtgtgc aggtccgatg ggcattggcg   120
ctatcgatta cgccattaac ggcggcatac aaccgctcgcg ggtggtggtg gtcgatatcg   180
acgacaaacg tctggcgcag gtacagaagc tgctgccggt ggaactggcg gccagtaaag   240
gcattgagct ggtgtatgtg aataccaaag ggatgagcga tcctgtccag atgctgcggg   300
cgctgacagg agatgccggg ttcgatgaca tttttgttta tgcggggggg cctgctgtcg   360
ttgagatggc tgatgaatta ctggcggaag atggctgtct gaacttcttt gccgggccga   420
cggataaaaa cttcaaagtg ccgtttaatt tctacaacgt ccattacaac agcacgcacg   480
tcgtcggtag atctggcggg tcaacggacg acatgaaaga ggcgattgcc cttatcgcca   540
  
```



```

ctgggcagtt acagccgtcg tttatggtga cccatatcgg tggcctggat gcggtgccag 600
aaaccgtgct caatctgccg gatatccctg gcgggaaaaa actcatttat aacggcggga 660
ccctgc                                           666

```

```

<210> 2641
<211> 440
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(443)
<223> similar to gi1651331 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2641
gtatcttatt tgcggcgctg atctggagtt cgttcgatga gaatatagaa gcttcagccg 60
gaggcggcgg tggttcgtcc atcgacgctg tcatggttga ttcagggtgcg gtagttgagc 120
agtacaaacg catgcaaagc caggaatcaa gcgcgaagcg ttctgatgaa cagcgcaaga 180
tgaaggaaca gcaggctgct gaagaactgc gtgagaaaca agcggctgaa caggaacgcc 240
tgaagcaact tgagaaaagag cggttagcgg ctccaggagca gaaaaagcag gctgaagaag 300
ccgcaaaaca ggccgagtta aagcagaagc aagctgaaga gcgggcagcg aaagcggcgg 360
cagatgctaa agcgaaggcc gaagcagatg ctaaagctgc ggaagaagca gcgaagaaag 420
cggctgcaga cgcaaaagaaa                                           440

```

```

<210> 2642
<211> 921
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(923)
<223> similar to gi2623162 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2642
agaatctcgg cagcaggcgt tctctacctg tgtgataaag gttcccttg gccggtgtga 60
acgacatggg aagtgtaaaa aaacctgtat tgcctccaga gacctatatt gtggatggat 120
aaaggaaggt ggtgcctgca gccatttata acccaacagc agactgactt ttgagcagga 180
catagagcgt ggcaatacag atggtctggg ggactgtcac aattcctttg tggcactgaa 240
tgggcattcc agttccctct tgcccagcac aaccacatca gattcgacgg ctcaagaggg 300
gtatgagtct agggggaggaa tgctggactg gaagcatctg cttgactcac ctgacagcac 360

```

agaccctttg	ggggcagtgt	cttcccataa	tcaccaagac	aagaatggag	tgattcggga	420
aagttacctc	aaaggccacg	accagctggt	tcccgtcacc	ctcttgcca	ttgcagtcac	480
cctggctttc	gtcatggggg	ccgtcttctc	gggcatcacc	gtctactgcg	tctgtgatca	540
tcggcgcaaa	gacgtggctg	tggcgcagcg	caaggagaag	gagctcacc	actcgcgccg	600
gggtcccatg	agcagcgtca	ccaagctcag	cggcctcttt	ggggacactc	aatccaaaga	660
cccaaagccg	gaggccatcc	tcacgccact	catgcacaac	ggcaagctcg	ccactcccgg	720
caacacggcc	aagatgctca	ttaaagcaga	ccagcaccac	ctggacctga	cggccctccc	780
caccccagag	tcaaccccaa	cgctgcagca	gaagcggaag	cccagccgcg	gcagccgcga	840
gtgggagagg	aaccagaacc	tcataaatgc	ctgcacaaag	gacatgcccc	ccatgggctc	900
ccctgtgatt	cccacggacc	t				921

<210> 2643

<211> 685

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (172)...(299)

<223> similar to gi5689485 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2643						
gaatcttgca	cgagcttacc	ctgcactgtg	agttacctaa	agctcggcgt	ccgtgatggt	60
ctacggcgct	tctgaggcga	tcaggcagcg	tcagtcttca	gccgggaagc	caagaaggag	120
tcagtcagag	agccttgggc	cagagttcca	ggagctctgg	gagtggtgc	caggactgtt	180
ctacatttgg	cctgtgcccc	tggccatgtg	gaagtggcca	ctctcttgct	ggggagaaga	240
tgcttgattg	acatctgtga	cagactaaac	aggacgtctt	taatgaagtt	ctgccaagga	300
aagagaaaat	accttttaac	cccagggaac	ggattgcaat	caccacatta	taagagaact	360
atgggggtat	gaaacaaggc	tgaaggcttt	taaccatggg	agaaaaaggt	gttggtatta	420
ttcatatagc	ataacctgag	gttgagagg	accacttggg	agcctgtaac	caaaattaaa	480
aggttaactt	tgggatggac	ggagggtccc	ttgaagcagt	gccaacctaa	atttacctca	540
ggtaagtagt	tagattaact	ttttcaagat	ttcagaccaa	acaagacaac	ttgtattcag	600
ttgatgaatt	cctatgcttt	aatgtttttg	tttgccctta	attattaaat	aaacatttgt	660
tctgaaaaac	tccaaaaaaa	aaaaa				685

<210> 2644

<211> 436

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(437)

<223> similar to gi466727 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2644
gccacgccga tcactgacgc ttgtgcactg aaagccgtga ccatgattgc cgaaaacctg      60
ccgttagccg ttgaagatgg cagtaatgcg aaagcgcgtg aagcaatggc ttatgcccg      120
ttcctcgccg gtatggcggt caataatgct tctctgggtt atgttcatgc gatggcgcac      180
cagctgggcg gtttctacaa cctgccacac ggtgtatgta acgccgtttt gctgccgcac      240
gttcagggtat tcaacagcaa agtcgccgct gcacgtctgc gtgactgtgc cgctgcaatg      300
ggcgtgaacg tgacaggtaa aaacgacgcg gaaggtgctg aagcctgcat taacgccatc      360
cgtgaactgg cgaagaaagt ggatatcccg gcaggcctac gcgacctgaa cgtgaaagaa      420
gaagatttcg cgggtat                                     436

```

```

<210> 2645
<211> 394
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(78)
<223> similar to gi219660 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2645
gttgttccag tacccagaca cggaggggaa ggtggaagac tttacggaac tcgtggagag      60
agctcatcag agtggggtag gtataccttt cttgtggggg gtccgtggag gcgtatccca      120
acttgtatct gtctacctat ctctctctct gtcttttcat gtgccttaat ttctttacca      180
ttatcacatg gaatggtaaa actctccttc ctgactcctt gctgctactt ttttctgttc      240
ccggattcct ggcacatggg gggcactcag tatgtattta ctgaatgaat gaatgagcaa      300
tggagttcac aggatgtgaa cacactctgc ccgtcttcct gtagttaaga taatttccta      360
ctctcccact actctcaggg aaaggtagca acct                                     394

```

```

<210> 2646
<211> 707
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (9)...(686)
<223> similar to gi1911490 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2646
gacagtagcc cacacttcca gccttgaga ccatgaatgg gatggccaat gtgaatcccg      60
ccagccgccc tcaactagcc tccgccatcc cggagcctcg tgcctcttcc cagaccagga      120
ttcctacacc gggcgcttct cccagctgc gccacgcca ggccggcctg gccctgagcc      180
cacagagagc agcctcccc agactgggaa aggctgcagg tccttctaga aactcctctc      240
ctagggcctt ccgggggaga ggctctccca agtttgctgg ggccgtgagg gagtcaactg      300
aggatgggga agggcccttc agctcccat ggaatagtcc caggacaacc ccgaaagcag      360
ccctctccag ccgggctgga tccggaagaa ttggcgagag acaaggcacc cagggaagaa      420
agaaaaaagc ccaggaaggg actccagtct gccagaccg gggcagaagc ccttctcgga      480
cgaactttca cggagaaact caaataaccag gggctccgga aggtcggaag cctccaagct      540
gcccaggaaa agaccaaaga gatataaact acaaaagttc tgggaccccc aggtctttgg      600
agcctgatga gggggcagct tcgtgggctt cctctccagt ctgcagccca gtgcagggca      660
agcgcctctc tccctctccg ggggccatta gcttctctc agtccat                        707

```

```

<210> 2647
<211> 873
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (21)...(876)
<223> similar to gi5811583 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2647
ttgatgcgca aattcggcac gagcgggagc tgaaggcggg gctcctggaa gctttggggg      60
caccagtgga ggatgtgagg gctgcagcct cgtatgcact gggccgcgtg ggtgctggca      120
gcctgcccga cttcctgccc ttctgctgg agcaaatcga ggctgaacct cgacgacagt      180
acctgctgct gcaactactc aaggaggccc tggggggcgc ccagcctgac agcctgaagc      240
cctacgcccga ggacatctgg gccttgctgt tccagcgctg cgaggggtgct gaggagggca      300
ccgggggggt ggtggccgag tgcattggga agctgggtcct tgtgaacctc tcgttccttc      360
tgccccgctt gcggaagcag cttgctgcag gtcggccaca caccgggagc accgtcatca      420
cagcgggtcaa gttccttatc tcggaccagc cccatcccat tgacccccctc ctgaagagct      480
tcacgggaga gttcatggag agcctgcagg acccagacct gaacgtgcgc cgtgcgactc      540
tggtctttct caactcagct gtgcacaaca agccctcgct agtccgggac ctgctggatg      600
acatcctgcc cctcctctac caggagacaa agatccggcg ggacctcatc cgagaggtgg      660
agatggggcc ctttaaacat acagtggacg atgggctgga cgtgcggaag gcggcctttg      720
aatgcatgta ttcactgctt gagagctgcc tgggacagct ggatatctgt gagttcctga      780
accatgtgga ggacgggctg aaggaccact acgacatccg gatgctgacc ttcacatggt      840
ttgcccggct ggccaccctg tgcctgcac ctg                        873

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<210> 2648
<211> 609

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (11)...(611)
<223> similar to gi1561637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2648
acacgctgga agaatcggca cgaggcaagc tgctcttgct gcagtcactc cctccccaac 60
cagtgtttca aagagatggc caggagcttc tgtgtggcca tcctgggacc tcctcgaagc 120
tcccaaagac cccttcagca tagagagaga ggccaggctg caccgacaag ctgcagctgt 180
gaatgaagcc acctgtacct ggagtggcca gcttcctccc cggaactata agaaccccat 240
ctactcttgc aaggtgtttc taggaggtgt tccttgggat attacagaag ctggattagt 300
taacaccttc cgtgtttttg gctctttgag tgtggagtgg cctggtaagg atggcaagca 360
tccccggtgt cctcccaaag ggtatgtgta tctggtcttc gaactagaga agtctgtccg 420
atccttgctt caggtctgct ctcattgacc gctgagccca gatggcctga gtgaatatta 480
tttcaagatg tccagccgaa ggatgcgctg caaggagggt caggtgatcc cctgggtatt 540
agcgcacagt aactttgtcc ggagcccatc tcagaggctt gacccagca ggacggtgtt 600
tgtcgggtgg 609

<210> 2649
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(437)
<223> similar to gi4426629 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2649
tgccgtatgc aggaccagct ctgatgtaga tgacaaccct ccagttttta atcagctcat 60
ttatgagtca tatgtgagtg aattagcccc ccggggccat tttgtaacct gtgtacaagc 120
ctctgatgca gacagctctg attttgaccg gttggaatat agcattttat ctgggaatga 180
ccggacgagc tttctgatgg acagcaagag tggagtatc acattgtcca accatcgga 240
gcagcggatg gagcctctgt acagtctcaa tgtgtctgtc tctgatgggt tggtcaccag 300
cactgcacag gtgcatatta gggtaacttg ggctaacttg tacagccctg ccttttcaca 360
aagcacatac gtagctgagg tgagagagaa cgtggctgca ggaacaaagg taattcatgt 420
tcgagccaca gatgg 435

<210> 2650
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (7)...(428)
 <223> similar to gil64586 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2650
 cctgcgtctg tcggcccgaa tatttatgaa catgatgacc agttaacacc taaaattggt 60
 tttccctgga gtgaaatcag aaatatttca tttaatgaca aaaaattcgt tataaaagcca 120
 attgacaaaa aggcacctga ttttgtcttc tatgcacctc gtctgagaat caataaacga 180
 attttggcct tatgtatggg aaaccatgaa ctgtacatgc gaaggagaaa gcctgatact 240
 attgaagtac agcagatgaa ggctcaggcc cgggaggaaa agcatcagaa gcagctagaa 300
 agggcacaat tagagaatga aaagaagaaa cgagaaatag cagaaaagga aaaggaaaga 360
 atagaacgtg aaaaggaaga gctgatggag cgtctgaggc agatcgaaga gcaaacagtg 420
 aaagcct 427

<210> 2651
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (36)...(414)
 <223> similar to gi3810827 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2651
 ggttccgtcg cgtgttgacg caatgtgatt tctgcctccc tgcacttggt atggcacgtg 60
 tccacaaaat cgaaaattta actgaagtcg ctgttggttg tagtaacaac atcgaaaatt 120
 taacaaaaac caaagccgca gtacaatttt taaaaaaaaat taatgcatat gaagacgtac 180
 aaaaatgtca agactcgaaa aaaatacggg ctggaaaggg aaaaatgcgt aatcgtcgtt 240
 atactatgcg acgtggacct ctcgttggtat ttaaagagga tcatggtatt aaacaagcgt 300
 ttagaaattt gcctgggtgtt gatttgattc aagttgacag gcttaatttg ctaaagcttt 360
 gccctggggg gcatattggg cggttcgtga ataggacaga agctgctttt g 411

<210> 2652
 <211> 402

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(209)
<223> similar to gi4062584 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2652
tgcgatgatg acgcgtttcc ccaacgactc gctggatgcg gcgttatgtc atggtgatgt 60
gttgctacag atttgcgcca acaccagga cacggttatc catgcgctgc gcgatatcat 120
caaacacacg ccggatttgc tcagtgtgcg ctggaagcgg gaagggttta tttccgatca 180
cgcggcgcgt agtaaaggca aagagatggc gtcceaacac ccctgggtcaa cgcgaaaatg 240
ccacatagct tcggcaggca tgccaattaa acgggcgatt aacagactca gtacaccctg 300
atggctgacg actaaaatat tctgatagtg ctgaaattca ctaagccttg cgataaagcg 360
ttccacacgt tgcgaaaatg cctgaaatcc ttcaccgttc gt 402

<210> 2653
<211> 1009
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (109)...(782)
<223> similar to gi3581879 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2653
agagaatcct tcagccactg gggaatttct aagaaatgtc gagggtttga gacatcccag 60
aattaatgtc ttagatcctg gccagtggcc tcaaaagaag ccctgaagct ggatgactcc 120
cagatggaag ccttgacgtt tgctctcaca agggaactgg ctattattca aggacctcct 180
ggaacaggca aaacctatgt gggctctaaa attgttcagg ccctcctaac caacgagtct 240
gtttggcaaa ttagcctcca gaagttcccc atcttggttg tgtgttatac taatcatgct 300
ttggaccagt ttctggaagg catctacaat tgtcagaaga ccagcattgt gcgggtgggt 360
ggaaggagca acagtgaat cctgaagcag ttcaccctaa gggagctgag gaacaagcgg 420
gaattccgcc gcaacctccc catgcacctc cgaaggcct acatgagtat catgacacag 480
atgaaggagt cagagcaaga gcttcatgaa ggagccaaga ccctggagtg caccatgcgt 540
ggtgtcctac gggaacagta cctgcagaag tacatctcac cccagcact gggaaagtct 600
catgaatggc cccagtgcag gatagtgaat ggattttctt cccagcactg gaagcattcc 660
atgatgctgg agtggctagg tcttgggtgc ggttctttca cgcaaagtgt ttctccagca 720
ggacctgaga atacagccca ggcagaaggg gatgaggagg aagaagggga ggaggagagt 780
tcgctgatag agatcgaga ggaagctgac ctgattcaag cagaccgggt gattgaggag 840
gaagaggtgg tgaggcccca gcggcggaag aaggaagaga gtggagcaga ccaggagttg 900
gctaaaatgc ttctggccat gaggctagac cattgtggca ctgggacagc agctggacag 960
gagcaagcca caggagagtg gcagaccag cgcaaccaga aaaaaaaaaa 1009

<210> 2654
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> similar to gi409792 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2654

tcgcttgagc	tggtcagta	taaagttgcc	cgcacgcgca	ccaccatgcc	ttacattcca	60
ggttttcttt	ccttcgcga	atatcctgcg	ctgctggcag	cgtgggagat	gctgtcgcaa	120
aagccggatt	tagtgtttgt	cgatggatcat	gggatctcgc	atcctcgccg	tcttggcgctc	180
gccagccatt	ttggcttatt	ggtggatgtg	cgcaccattg	gcgtggcgaa	aaaacggctc	240
tgcggtaaat	tcgaaccgct	ctccagcgaa	ccgggcgcgc	tggccccact	gatggataaa	300
ggcgagcagc	tggcctgggt	ctggcgcgagc	aaagcgcgct	gtaaccggtt	ggttatcgct	360
accggccatc	gggtcagcgt	ggacagcgcg	ctggcggtgt	ac		402

<210> 2655
 <211> 292
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(295)
 <223> similar to gi216600 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2655

gcctgcctgc	aggaattccc	gccaaaccgga	tcgacgacct	gccgaccacc	ttttccggcg	60
gatatgcagc	gcgtttgcag	attgcccgcga	acctggtgac	gcacccgaag	ctggtgttta	120
tgatgaacc	gaccggcggg	ctggatgtgt	cgggtgcaggc	ccgctgctc	gacctgctgc	180
gcggcctggt	ggtggagctg	aacctcgcg	tggtgattgt	cacctatgat	ttaggcgctg	240
cccgcctgct	ggcggaccgt	ttgctggtga	tgaagcaggg	gcaagtgggtg	ga	292

<210> 2656
 <211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (217)...(359)
 <223> similar to gil655699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2656
acttcagggc ttcttggtgt ttgggacaga tgccctgac ggtcacgagg ctccctcgac      60
caggggttgg gtgcatctgc cgaatcacct ggaccatatt ggccagctgc aggttggggc     120
ggaagctccg ccgaggaaag ctctttcggc actgagggca tgtgaagcac ctccgagggg     180
ctggaggcgg gggcagtggt gtgacggggg ctagatcctc ttctcaacc tctccagca      240
cttctctctc gtctctctca tctctcccc ctaggtctct ctctccatg tcccccaagt     300
agtagtccag gtctctctcc tctctctct cctccacac atagtccatg ttgtcccagg     360
tggaacctgt                                     370
  
```

<210> 2657
 <211> 668
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (162)...(539)
 <223> similar to gi2224607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2657
ggttgcggaa ttcggcacga ggaaacaccc acgacaggaa caagttggcc cagaccctgc      60
cgcccaccca gctgctctcc tctgggacta agtgcttgga gagcctctct ggctcagtgc     120
ccccgccttg ccttgccctc cacagccttc gggagctccc agaccagtg ctgagtggg      180
aggtggtgga gggcattgct gctggcattg aggcagccct ctgggacctg acacaaggca     240
ccaatggccg gtacaagacc aagtatcgca gcctgctgtt caacctgcgg gaccccagga     300
acctggactt gtttctcaaa gtggttcatg gagatgtcac cccctacgac ctggtgcgga     360
tgagctcgat gcagctggcc ccccaggagc tggcccgcgt gcgggaccag gaggagaaaa     420
ggggaccgca gatgttcatg gactgcagcc cacaggccct gcccatcgca tcagaggaca     480
ccacggggca gcatgaccac cacttcttag accccaactg ccacatctgc aagggtggga     540
ggggacacgg gaggggtgca ggggtggcag ccaggctggg gctgagcgtg cagttcagca     600
gcaacaggga tttgtggcct ggggagaggg tggcagagca ggggtgcccg tgccccaggt     660
cacctaga
  
```

<210> 2658
 <211> 627
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (24)...(630)
 <223> similar to gi3449294 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2658

ttcccgggtc	gacgatttgc	tgctacaggc	aggtgtatac	cacggaggcc	cggaccgtgc	60
tcaggtgctg	ccgagggtgg	atgcagcagc	ccgacgagga	gggctgcctc	tcggctgaat	120
gcagcgccag	cctctgtttt	cacgggtggc	ggtgtgtgcc	aggctcagcc	cagccgtgtc	180
actgtcccc	cggcttccag	ggaccccgt	gtcagtatga	tgtggacgaa	tgccgaaccc	240
acaacgggtg	ctgccagcac	cgggtgcgtga	acaccccagg	ctcctacctc	tgtgagtgc	300
agcccggctt	cgggtccac	actgacagca	ggctcctgcct	ggccattaac	tcctgcgccc	360
tgggcaatgg	cggctgccag	caccactgtg	tccagctcac	aatcactcgg	catcgctgcc	420
agtgcgggcc	cgggttccag	ctccaggagg	acggcaggca	ttgtgtccgt	agaagcccgt	480
gtgccaacag	gaacggcagc	tgcatgcaca	ggtgccaggt	ggtccggggc	ctcgcccgt	540
gtgagtgcc	cgtgggctat	cagctagcag	cggacggcaa	ggcctgtgaa	gatgtggacg	600
aatgtgccgc	aaggctggcc	cagtgtg				627

<210> 2659
 <211> 520
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (26)...(486)
 <223> similar to gi3786494 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2659

ccctctgggtc	cacgtgggtg	aattcgggtc	gattgggagg	acgcagagga	gcccgggggt	60
cgaccagaac	cacccccggg	ctgtgctggt	ccccagtagc	ctccggattg	gaatcattcc	120
cgcagggtca	acggactgcg	tgtgttactc	caccgtgggc	accagcgacg	cagaaacctc	180
ggcgtgcat	atcgttggtg	gggactcgct	ggccatggat	gtgtcctcag	tcaccacaa	240
cagcacactc	cttcgctact	ccgtgtccct	gctgggctac	ggcttctacg	gggacatcat	300
caaggacagt	gagaagaaac	ggtggttggg	tcttgccaga	tacgactttt	caggtttaaa	360
gaccttcctc	tcccaccact	gctatgaagg	gacagtgtcc	ttcctccctg	cacaacacac	420
ggtgggatct	ccaagggata	ggaagccctg	ccgggcagga	tgctttgttt	gcaggcaaag	480
caagcagcag	ctggaggagg	agcagaagaa	agcactgtat			520

<210> 2660
 <211> 447
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (31)...(448)
 <223> similar to gil763306 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2660
 cgttatgacc atgaacgcca agcttggcac gaggggtggaa tgagtaatgg catggtgtgt 60
 gcatctggag accggagtca ttacagtgat tctcagctct ctttacatga ggatctttct 120
 ccatggaagg aatggaatca aggagctgat ttaggcttgg attcatccac ccaggaaggt 180
 tttgattatg aaacaaacag tctttttgac caacagcttg atgtttacaa taaagaccta 240
 gaatacttgg gaaagtgccca cagtgatctt caagatgact cagagagcta cgacttaact 300
 caagatgaca attcttctcc atgccctggc ttggataatg aaccacaagg ccagtgggtt 360
 ggccaatatg attcttatca gggagctaatt tctaattgagc tataccaaaa tcaaaaccag 420
 ttgtccatga tgtatcgaag tcaaagt 447

<210> 2661
 <211> 641
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (28)...(642)
 <223> similar to gil840399 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2661
 tcattacgcc tagcttggca cgagggcaaa ctgcacttca gcgtctatga ctttgaccgc 60
 ttctcgcggc acgacctcat cggccagggtg gtgctggaca acctcctgga gctggccgag 120
 cagccccctg accgcöcgct ctggagggac atcgtggagg gcggctcgga aaaagcagat 180
 cttggggagc tcaacttctc actctgctac ctccccacgg ccgggcgcct caccgtgacc 240
 atcatcaaag cctctaacct caaagcgatg gacctcactg gcttctcaga cccctacgtg 300
 aaggcctccc tgatcagcga ggggcggcgt ctgaagaagc ggaaaacctc catcaagaag 360
 aacacgctga accccacctc taatgaggcg ctggtgttcg acgtggcccc cgagagcgtg 420
 gagaacgtgg ggctcagcat cgccgtggtg gactacgact gcatcgggca caacgaggtg 480
 atcggcgtgt gccgtgtggg ccccgacgct gccgacccgc acggccgcga gcactgggca 540

gagatgctgg ccaatccccg caagcccgtg gagcactggc atcagctagt ggaggaaaag 600
 actgtgacca gcttcacaaa aggcagcaaa ggactatcag a 641

<210> 2662
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(408)
 <223> similar to gi4432814 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2662
 ggaagggagc aaactggact gcaatgccaa gcagtggagg ctttttgagg acatcctcaa 60
 tgacgtagcc atgttccttg agattatggc tcctgtatac ccaatctgtt tcaccatgac 120
 cgtctccacc agcaacctag ccaagtgcac cgtgagtgtt gctgggtggg ccaactcggg 180
 tgccctgacc gtgcaccagg ctggaggaa caacatggct gacgtgtcag ccaaggacag 240
 catccaggag acgctggtga acctggcggg gctcttggtc agcctcctga tgctccctct 300
 ggtgtcaggt tgccctggct tcagccttgg atgtttcttc ttcctcactg gcctccacat 360
 ctacgccaac taccgcgcgg gccgagccct ggtcatggag accttg 406

<210> 2663
 <211> 568
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (14)...(570)
 <223> similar to gil297319 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2663
 ctcacgagaa tacctccaga aagcacagga tgaactcctg gatctccagg acaaggtgat 60
 tcaggcagta ggtagcaact ccagcatggt ggccggagatt gaagtgtgc gccagcgggt 120
 gctgagaatt gaaggcaaag acgaggaaat taagagagca gaggatctgt gtcgtctgat 180
 gaaggagaaa cttgaagagg aagaaaacct caccggggag ctgaaatctg agattgagcg 240
 gcttcagaaa cgaatggctg aattagagaa gctagaagag gccttcagca ggagtaagaa 300
 tgactgtacc cagctgtgtc tgagcctgaa tgaggagaga aatctgacca agaaaatctc 360
 ctctgagctg gaaatgctca gagtcaaagt gaaagaacta gaatcttctg aggaccgct 420
 ggataaaact gagcagagtt tagcgtcaga gttagaaaag ctgaaatcat taactctgag 480

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ctttgtaagt gagagaaaat acttgaatga aaaggagaaa gaaaatgaga aattgataaa 540
agaactcact caaaaactag agcagaac 568

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<210> 2664
<211> 617
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (337)...(531)
<223> similar to gil280485 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2664
cgtcgacgac aattagaggc aagtctatcc caaaactgag tcttatgtta ataatgtttt 60
ttattttctg tcttctcaga cagctcagct ctctcaagcc agcggaatag tttcccaact 120
tccttttgga ccagctctta ccagcccca cctgcacctt gtttgggggg agttcatcct 180
gacttccagg tcaactggacc ccctggcacc ttttctgcag ctgatcccag tccttggccg 240
ggacacaacc tgcatacagac tggcccagcc cctccccctg ctgtgtctga gtcctggcct 300
tatcctttga catctcaggt gagcccatcc tacagccata tgcatacagc gtacatgcgg 360
caccaccacc ctcatgccc catgcaccac cgccaccgcc accatcatca ccatcaccac 420
cctcctgctg gctctgccct ggatccatcc tatgggcctc tgctgatgcc ttcagtgcac 480
gcgggccagga ttctgtctcc ccagtgtgac atcacaaaga cagaaccaac tacagtccac 540
tctgctacct cagcatgggc tggagccttt catggaacag tagacatagt gccagcgtg 600
ggattcgata caggtct 617

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<210> 2665
<211> 976
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (369)...(973)
<223> similar to gi5668816 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 2665
caacatcgac gtcagacctc ttccccacag cctcggcctc ttccacggag ccttctcctg 60
cagggcgaga gcgttcctcc agttgtgggt ctgggggtgg tggcatcatc ccctaaagga 120
agtggtcctt ctgtggcaag tgatgaagtc tccagctttg cctcagctct ccagacaga 180
aagactgcgt ccttttcgtc gttggaaccc caggatcagg aggatttggg agcccgtgaa 240

```

gaagaaaatg	agaggagatg	gggacctttg	acctgaacgg	gcagttgttg	gtcgcacaaac	300
cgcgtagaaa	tgcccaaacc	gtccacgagg	acgtcagagc	agcggctggg	aagccagaca	360
agatggagga	gacgctgaca	tgcacatctt	gccaggacct	gctgcacgac	tgcgtgagtt	420
tgcagccctg	catgcacacg	ttctgcgcgg	cttgctactc	gggctggatg	gagcgctcgt	480
ccctgtgtcc	tacctgccgc	tgtcccgtgg	agcggatctg	taaaaaccac	atcctcaaca	540
acctcgtgga	agcatacctc	atccagcatc	cagacaagag	tcgcagtga	gaagatgtgc	600
aaagtatgga	tgccaggaat	aaaatcactc	aagacatgct	gcagcccaaa	gtcaggcggt	660
ctttttctga	tgaagaaggg	agttcagagg	acctgctgga	gctgtcagac	gttgacagtg	720
agtcctcaga	cattagccag	ccatacgtcg	tgtgccggca	gtgtcctgag	tacagaaggc	780
aggcggcgca	gcctccccac	tgccagcac	ccgagggcga	gccaggagcc	ccacaggccc	840
tgggggatgc	accctccacg	tccgtcagcc	tgacgacagc	agtccaggat	tacgtgtgcc	900
ctctgcaagg	aagccacgcc	ctgtgcacct	gctgcttcca	gcccattgcc	gaccggagag	960
tggagcgcca	gcagga					976

<210> 2666

<211> 882

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(343)

<223> similar to gi3916124 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2666

gcgctgagcc	ggctccgaga	actctgtcgt	cggtggctga	gacccgagct	gctctccaag	60
gagcagatcc	tggagctgct	ggtgctggag	cagttcctca	ccatcctgcc	cgaggagctt	120
caagcctggg	tgcgagagca	ctgccagag	agcggggagg	aggcggtgcc	cgtggtgccg	180
gctctgcagc	gagcgctcga	tggaaactca	tcccagggga	tggtgacttt	cgaggacacg	240
gctgtgtctc	taacctggga	ggagtgggag	cgctggacc	cagcacggag	ggacttctgc	300
agagagagtg	cgcagaagga	ttccgggagc	acagttccgc	cgagtgcac	tgtttatgga	360
ccgtaagagc	tgaccgctgt	ctgaaggctt	gcccacagac	cttactca	aaaggattct	420
ctaaaaagtg	aattctttga	tgttgatcaa	accatgcctt	acgcctaagt	acttttccac	480
attcactgca	ttcataagac	tttgctcttg	tgagaattcg	ctcatgcccc	aaaagcaaag	540
atctttgatt	gaagggtttg	ccatcctcat	catatctgcc	ctgcttccac	cttgtttgcg	600
cattctgac	ttgaataagg	ttaaggtttt	gaaggaagcc	cctgctgtat	tcatcaccac	660
tagtagggaa	agtaagcctg	caactgtcca	caaattcttt	acacttatgt	aacttttctg	720
aaagtttctc	agctgattcc	tgcatcacc	ctgatattct	atatgactct	aaatcttcag	780
aaaatttctg	ttttggagtt	agctttttca	tcttggtgtc	ggcttcagaa	cctagccaaa	840
taacaagaaa	agatgtaa	gacctatcca	ctgcatttga	aa		882

<210> 2667

<211> 119

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(117)
 <223> similar to gi1750387 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2667
 gcgatggaaa tcgtccacga gccgcgcgac ctcgagcggt acatgcgcga ggccgtgaag 60
 gtgtcgaacg attcgccggt gctgctcgac cgcttctga acgacgcgat cgagtgcga 119

<210> 2668
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> similar to gi1017722 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2668
 tacaaatgtg aagaatgtgg caaagccttt actcggtcca cagccctgaa tgaacataag 60
 aaaattcatt ctggagagaa accctacaaa tgcaaagaat gtggcaaagc ctataactta 120
 tcctcaaccc ttactaaaca taagagaatt catactggag agaaaccctt cacatgtgaa 180
 gaatgtggca aagccttcaa ttggtcctca tcccttacta aacataagat aattcactat 240
 ggagagaaat cctacaaatg tgaagaatgt ggcaaagcct ttaatcggcc ctcaaccctt 300
 actgtacaca agcgaattca tactggcaag gaacatagtt gaatgacatt tctagtaatc 360
 tctaattcca gtgtctttac acagcaaata aattggag 398

<210> 2669
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(401)
 <223> similar to gi1212992 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2669
acagaacatg gatatgaggc atcaatagcc ggtagtgcta ttgccacatt acaaaaagag      60
ttgtcagcca catcttctgc tcagaagatc accaaatcgg tgaaggctcc tactgtgaag      120
cccagtgaga ctagagtaag ggcagagccc acacccttgc cacagttccc cticgctgac      180
acaccagata cttaacaagag tgaagctggc gttgaggtga aaaaggaagt aggggtgagc      240
atcactggca ccaccgtccg tgaagagcgc tttgaagtac tgcacggacg cgaagccaag      300
gtaacagaaa cagcaagagt accagcacct gttgaaattc ctgttactcc accaactttg      360
gtctcgggct taaaaaatgt gactgtcata gaaggtgaaa      400

```

<210> 2670

<211> 398

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (79)...(165)

<223> similar to gi4883437 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2670
aaacagggga ttaagtgtg tcttttgtgt ttgcaaggca ctaacaccac tcccgtctgt      60
atttaaatgc tgtccccagg ttacgactat ggctatgtct gcgtggagtt ttcactcttg      120
gaagatgcc a tcgatgcat ggaggccaac caggttgctt tatacttcgg tcaaatgatg      180
ctggaaggat atattttttt atatatgggg agggagggtt tcaaatgatt ttacttttga      240
aaggtacaag aagtctatct gtggagcata ctgtattcca accatcggtt gtgaggaaaa      300
tcttttaaaa ggctggaaag ctttctctag aaaacttaat gggcacagag tgcattttta      360
aagctagagc ccagttgctt ttggactaga ttccaaaa      398

```

<210> 2671

<211> 510

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(511)

<223> similar to gi1212992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2671

cccatcaggt	ctgttaggtc	tccattgctc	atgcgtaaga	ctcaggcatc	caccgtggcc	60
acaggtgctg	aagtgcctcc	cccttggaag	caagagggct	acgtggcctc	ctcatctgag	120
gctgagatga	gagagacaac	gctgacaacc	tctactcaga	tcaggacaga	agagagatgg	180
gaagggagat	acggtgtcca	ggagcaagtg	accatcagtg	gtgctgcggg	tgctgccgcc	240
agtgtgtcgg	ccagtgttag	ctacgcagca	gaggctgttg	ccactgggtg	ttaaagaggtg	300
aaacaagatg	ctgacaaaag	tgcagctgtt	gcgactgttg	ttgctgccgt	tgatatggcc	360
agagtgaag	aaccagtgat	cagcgtgtga	gagcagactg	ctcagaggac	aaccacgact	420
gctgtgcaca	tccaacctgc	tcaagaacag	gtaagaaagg	aagcggagaa	gactgtctgta	480
actaaggtag	tagtggccgc	cgataaagcc				510

<210> 2672

<211> 1883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (38)...(1879)

<223> similar to gi3929529 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2672

cagtaaccgg	gtcgacgatt	tcgtctgtga	agctccatgt	ggcggacatc	tgacagcgtc	60
cagcggagtc	atcttgccct	ctggatggcc	aggatattat	aaggattctt	tacattgtga	120
atggataatt	gaagcaaaac	caggccactc	tatcaaaata	acttttgaca	gatttcagac	180
agaggtcaat	tatgacacct	tggaggtcag	agatgggcca	gccagttcgt	ccccactgat	240
cggcgagtac	cacggcacc	aggcacccca	gttcctcatc	agcaccggga	acttcatgta	300
cctgctattc	accactgaca	acagccgctc	cagcatcggc	ttcctcatcc	actatgagag	360
tgtgacgctt	gagtcggatt	cctgcctgga	cccgggcatc	cctgtgaacg	gccatcgcca	420
cggcggagac	tttggcatca	ggtccacagt	gactttcagc	tgtgaccceg	ggtacacact	480
aagtgaagac	gagccccctg	tctgtgagag	gaaccaccag	tggaaccacg	ccttgcccag	540
ctgcgacgct	ctatgtggag	gctacatcca	agggaagagt	ggaacagtcc	tttctcctgg	600
gtttccagat	ttttatccaa	actctctaaa	ctgcacgtgg	accattgaag	tgtctcatgg	660
gaaaggagtt	caaagtatct	ttcacacctt	tcactctgag	agttcccacg	actatttact	720
gatcacagag	gatggaagtt	tttccgagcc	cgttgccagg	ctcaccgggt	cgggtgttgc	780
tcatacgatc	aaggcaggcc	tgtttgaaa	cttcaactgc	cagcttcggt	ttatatcaga	840
cttctcaatt	tcgtacgagg	gcttcaatat	cacattttca	gaatatgacc	tggagccatg	900
tgatgatect	ggagtccttg	ccttcagccg	aagaattggg	tttcaacttg	gtgtgggaga	960
ctctctgacg	ttttcctgct	tcctgggata	tcgttttagaa	ggcggccacca	agcttacctg	1020
cctgggtggg	ggcggcctg	tgtggagtg	acctctgcca	aggtgtgtgg	ccgaatgtgg	1080
agcaagtgtc	aaaggaaatg	aaggaaacatt	actgtctcca	aattttccat	ccaattatga	1140
taataaccat	gagtgatctt	ataaaataga	aacagaagcc	ggcaagggca	tccaccttag	1200
aacacgaagc	ttccagctgt	ttgaaggaga	tactctaaag	gtatatgatg	gaaaagacag	1260
ttcctcacgt	ccactgggca	cgttcaacta	aaatgaactt	ctggggctga	tcctaaacag	1320
cacatccaat	cacctgtggc	tagagttcaa	caccaatgga	tctgacaccg	accaaggttt	1380
tcaactcacc	tataccagtt	ttgatctggt	aaaatgtgag	gatccgggca	tccttaacta	1440
cggttatagg	atccgtgatg	aaggccactt	taccgacact	gtagttctgt	acagttgcaa	1500
cccggggtag	gccatgcatg	gcagcaaac	cctgacctgt	ttgagtggag	acaggagagt	1560
gtgggacaaa	ccactacctt	cgtgcatagc	ggaatgtggg	ggcagatcc	atgcagccac	1620
atcaggacga	atattgtccc	ctggctatcc	agctccgtat	gacaacaacc	tccactgcac	1680

ctggattata	gaggcagacc	caggaaagac	cattagcctc	catttcattg	ttttcgacac	1740
ggagatggct	cacgacatcc	tcaaggtctg	ggacggggcg	gtggacagtg	acatcctgct	1800
gaaggagtgg	agtggctccg	cccttccgga	ggacatccac	agcaccttca	actcactcac	1860
cctgcagttc	gacagcgtgt	att				1883

<210> 2673
 <211> 1177
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1178)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (14)...(993)
 <223> similar to gi599959 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2673						
cccacgcgtc	cgctcctctg	gggggtcaaga	ggaccccgcc	agccagcagt	gggcacgacc	60
gcgcttcaca	cagccctcca	agatgaggcg	ccgggtgatc	gcacggcccc	tgggtagctc	120
cgtgcggctc	aagtgcgtgg	ccagcgggca	ccctcgcccc	gacatcacgt	ggatgaagga	180
cgaccaggcc	ttgacgcgcc	cagaggccgc	tgagcccagg	aagaagaagt	ggacactgag	240
cctgaagaac	ctgcggcccg	aggacagcgg	caaatacacc	tgccgcgtgt	cgaaccgcgc	300
gggcgccatc	aacgccacct	acaaggtgga	tgtgatccag	cggacccggt	ccaagcccgt	360
gtcacaggc	acgcaccccc	tgaacacgac	ggtggacttc	ggggggacca	cgctcttcca	420
gtgcaagggtg	cgcagcgacg	tgaagccggt	gatccagtgg	ctgaagcgcg	tggagtacgg	480
cgccgagggc	cgccacaact	ccaccatcga	tgtgggcggc	cagaagtttg	tgggtctgcc	540
cacgggtgac	gtgtggtcgc	ggcccgacgg	ctcctacctc	aataagctgc	tcataccccg	600
tgcccgccag	gacgatgcgg	gcatgtacat	ctgccttggc	gccaacacca	tgggctacag	660
cttcgcgacg	gccttctctc	ccgtgctgcc	agacccaaaa	ccgccagggc	cacctgtggc	720
ctcctcgtcc	tcgggccacta	gcctgcccgtg	gcccgtggtc	atcggcattc	cagccggcgc	780
tgtcttcate	ctgggcaccc	tgctcctgtg	gctttgccag	gcccagaaga	agccgtgcac	840
ccccgcgcct	gcccctcccc	tgcttgggca	ccgccgcgcg	gggacggccc	gcgaccgcag	900
cggagacaag	gaccttccct	cgttggccgc	cctcagcgct	ggccctgggtg	tggggctgtg	960
tgaggagcat	gggtctccgg	cagcccccca	gcacttactg	ggcccaggcc	cagttgctgg	1020
ccctaagttg	taccccaaac	tctacacagg	acattccaca	ccacacacat	acacacaccc	1080
cccaccctcc	tgccaattaa	acagttagcca	ttcccnnaaa	atnnnnnnnn	nnnnnnncnn	1140
nnnnnnnnnn	nnnnnctcgg	ccccgccta	ttcacgg			1177

<210> 2674
 <211> 1655
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (53)...(1525)

<223> similar to gi3874304 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2674

tttcgtcacg	gaggaggaag	ccgccggtgc	gtcgggacgg	gagcgcaggt	gctcggggcac	60
ccgagctgga	gctccgcagc	cgccggtcat	gtaccgctcc	accaagggcg	cctccaaggc	120
gcgccgggac	cagatcaacg	ccgagatccg	gaacctcaag	gagctgctgc	cgctggccga	180
agcggacaag	gtccggctgt	cctacctgca	catcatgagc	ctcgcctgca	tctacactcg	240
caagggcgtc	ttcttcgctg	gtggcactcc	tctggcgggc	cccacggggc	ttctctcagc	300
tcaagagctt	gaggacatcg	tagcggcact	acccggcttt	ctgcttgtgt	tcacagccga	360
ggggaaattg	ctctacctgt	ctgagagtgt	gagcgcagcat	ctgggccact	ccatggtgga	420
cctggttgcc	cagggtgaca	gcactctacg	catcattgac	ccagctgacc	acctcactgt	480
gcgccagcaa	ctcaccctgc	cctctgccct	ggacactgat	cgctcttcc	gctgcccgtt	540
caacacctcc	aagtccctca	ggcgccagag	tgcaggcaac	aaactcgtgc	ttattcgagg	600
ccgattccat	gctcaccac	ctggagccta	ctgggcagga	aatcccgtgt	tcacagcttt	660
ctgtgcccct	ctggagccga	gaccccggcc	aggtcctggc	cctggcccctg	gccctgcctc	720
gctcttctctg	gccatgttcc	agagccgcca	tgctaaagac	ctggctctac	tggacatctc	780
cgagagtgtc	ctaactctacc	tgggctttga	gcgcagtga	ctgctttgta	aatcatggta	840
tggactgctg	caccccagagg	acctggccca	cgcttctgct	caacactacc	gcctgttggc	900
tgagagtgga	gatattcagg	cagagatggt	ggtgaggcta	caggccaaga	ctggaggctg	960
ggcatggatt	tactgcctgt	tatactcaaa	aagtccagag	ggacccatta	ctgccaataa	1020
ctacccaatc	agtgacatgg	aagcctggaa	cctccgccag	cagttgaact	ctgaagacac	1080
ccaggcagct	tatgtcctgg	gcactccgac	catgctgccc	tcattccctg	aaaacattct	1140
ttcccaggaa	gagtgtctca	gcactaacc	actcttcacc	gcagcactgg	gggctcccag	1200
aagcaccagc	ttcccagtg	ctcctgaact	gagtgttgct	tctgcatcag	aagagcttcc	1260
ccgaccctcc	aaagaactgg	acttcagtta	cctgacattc	ccttctgggc	ctgagccttc	1320
tctccaagca	gaactaagca	aggatcttgt	gtgactcca	ccttacacgc	cccacagcc	1380
aggaggctgt	gccttctct	tcagcctcca	tgagcccttc	cagacccatt	tgcccacccc	1440
atccagcact	cttcaagaac	agctgactcc	aagcactgcg	accttctctg	atcagttgac	1500
gcccagcagt	gcaaccttc	cagatccact	aactagccca	ctgcaaggcc	agttgactga	1560
aacctcggtc	agaagctatg	aagaccagtt	gacaccctgc	acctccacct	tcccagacca	1620
tgtattgcgg	ccgctcggag	gatcaagcat	acgac			1655

<210> 2675

<211> 1268

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1269)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (25)...(1140)

<223> similar to gi1825586 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2675

```
accggttacg acccagcgt cgcgcgagat cgctgtggca caagtgatcc ttatgtgaaa      60
ttaagctga atgggaagac gctgtacaaa agtaaagtca tatataagaa cttgaaccca      120
gtatgggatg agatagttgt attgccaatc caaagccttg atcaaaagct acgtgtgaag      180
gtatatgata gagatttaac cacatctgat ttcattgggt ctgcatttgt cattctcagt      240
gatcttgagc ttaacagaac aactgaacat attttaaaac tggaagatcc aaacagttta      300
gaagatgaca tgggagtgat cgtcttaaat ttgaacctag tggtaaaaca ggggtgatttc      360
aagagacacc gttggtcaaa tcggaagcga ttaagtgcc acaagtcctc tttgatacgc      420
aacctacggc tctctgagtc cttgaaaaag aaccaactct ggaacgggat tataagtata      480
actttgttgg aagggaagaa tgtctcagga ggaagcatga cagagatgtt tgtccagtta      540
aaactgggag atcagaggta taaaagtaag acactgtgta agagtgcata tccgcagtgg      600
caggaacagt ttgactttca ctacttctct gacaggatgg gcattttgga cattgaagtg      660
tggggaaaagg acaacaaaaa gcatgaggaa cgtctgggca cgtgtaaagt ggatatctcg      720
gcactccctc tgaagcaagc caactgcctg gagctgccac tggacagctg tctgggggct      780
ctccttatgt tggtcacact tacaccctgt gcgggggtct cgtctctga tctgtgtgtc      840
tgcccttag cagacctcag cgaaagaaag cagattaccc agcgatattg cttacagaac      900
tccctgaaag atgtgaaaga cgtcggcatt ctacaagtga aggtttttaa ggcagcagat      960
ctcttagcgg cagatttctc agggaagagt gacccatttt gcttgttgga gttaggcaat     1020
gaccgacttc agacgcatac cgtctacaaa aacctcaacc ctgaatggaa caaagttttt     1080
acatttccca ttaaagatat ccatgatgtt ttggaagtga cagtgtttga tgaagatgga     1140
gataaannnn nnnnnnnnnn nnnnnnnnnn nnaaanaaan naanaaaaaa nnaaannnnn     1200
nnnnnnnnnn nnnnnnnnnn ngggcgccct tttaaaaaaa aacaattttt ttggcgcggg     1260
gtggggga                                         1268
```

<210> 2676

<211> 100

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (21)...(94)

<223> similar to gi3885978 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2676

```
tgaattttca ttttacaggg aagtgtttgt ttatgtcagg gctcagtgag gtccagctga      60
cccatatgga tgatcacact ctaccagggt attgaagctc                               100
```

<210> 2677
 <211> 636
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (349)...(637)
 <223> similar to gi2981175 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2677
 ttgggcaagg agagaaagca cttacatcag accaagtttg ctgatgactt tagaaaaaga 60
 catccaaatg tacactttgt gctaaatcaa gagtcaatga ctttgactgg tttgccaaat 120
 caccttgcaa aggcgaaagca gtatgttcta aaaggaggag gaatgtcttc attggctgga 180
 aagaaattga aagaggggtca tgaaacaccg atggacattg atagcgatga ttccaaagca 240
 gcttctccgc cactcaagggt ctctgtgagt tctgaggcct cagaactgga caagaaggaa 300
 aagggcatct gtgtcatctg tatggacacc attagtaaca aaaaagtgtc accaaagtgc 360
 aagcatgaat tctgcgcccc ttgtatcaac aaagccatgt catataagcc aatctgtccc 420
 acatgccaga cttctatagg tattcagaaa ggaaatcagc cagaggggaag catggttttc 480
 actgtttcaa gagactcact tccaggttat ggtcctttg gcaccattgt gattacttat 540
 tctatgaaag caggcataca aacagaagaa cacccaaacc caggaaagag ataccctgga 600
 atacagcgaa ctgcatactt gcctgataat aaggaa 636

<210> 2678
 <211> 1783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (138)...(1657)
 <223> similar to gi2224699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2678
 ctggcttgct tggagccagc ctgtagggtt ggggagcctt tctctccata gttccagggt 60
 ttggtgaagc atcttacacc agtaagtatt gattgaacgt ctgtcagtga cctctgcaaa 120
 ctctgctttt gttgtaggaa gcagtacagg ttttgattaa gcactcagct gatgtcaatg 180
 caagggacaa gaactggcag acccctcttc atgtggcagc agccaacaag gctgtcaaat 240
 gtgcagaagt gatcattccc ctgctgagca gtgtcaatgt ctccgaccga ggggggagca 300
 cagccttgca ccatgcggct ctgaacggcc acgtggagat ggtcaattta ctcttgcca 360
 aaggggcaaa tatcaatgca ttgacaaga aggaccggcg tgctctgcac tgggcagcat 420
 acatgggcca cttggatgtt gtagcattgc tcattaacca tggcgagaa gtgacctgta 480
 aggataagaa ggggttatacc cctctgcatg ctgcagcctc caatggacag attaatgttg 540
 tcaagcatct cctgaacctg ggggtggaga ttgatgaaat caatgtctat ggaaatacag 600
 cgcttcacat cgctgtctac aatggacagg atgctgtggt taacgagttg attgactacg 660

gtgctaacgt	gaaccagcca	aacaataatg	ggttcacccc	tttgcatttt	gctgctgcct	720
ccactcatgg	tgctttgtgt	cttgaattgt	tagtaaacaa	cggggcagat	gttaacattc	780
agagtaaaga	tggcaaaagt	ccactgcaca	tgacagctgt	ccatggaagg	ttcacacggt	840
cacagaccct	cattcagaat	ggaggtgaaa	ttgactgtgt	ggataaggac	ggcaacactc	900
ctctccatgt	ggctgcaaga	tacggtcacg	agcttttgat	taacacctta	ataaccagcg	960
gagctgacac	agccaagtgt	ggaatccata	gcatgttccc	tttacattta	gctgccctaa	1020
atgctcactc	tgactgctgc	agaaagttgt	tatcatcggg	acaaaagtat	agcatagtat	1080
ccttgtttag	taatgagcac	gtgctgtctg	caggctttga	aatagacacc	ccagataaat	1140
ttggaagaac	gtgccttcat	gctgctgctg	caggaggtaa	tgtggaatgt	ataaaactct	1200
tgcagagcag	cggagcagat	ttccataaaa	aggacaagtg	tgggaggacc	cctttgact	1260
atgcagctgc	gaattgtcat	ttccactgta	ttgagacatt	agtgaccaca	ggggccaacg	1320
ttaatgaaac	agatgactgg	ggacgcacag	ctttgcatta	cgccgctgca	tcagacatgg	1380
atagaaataa	gactatctta	ggaaatgccc	atgataattc	agaagaactt	gaaagagcca	1440
gggagctgaa	ggaaaaggaa	gccacactat	gtctagagtt	tctgcttcaa	aatgatgcaa	1500
atccatctat	ccgggacaag	gaaggttaca	atagcataca	ttatgctgcc	gcctatgggc	1560
acaggcagtg	tctggaattg	cttttggaag	gaacaaacag	tggatttgaa	gaatcagatt	1620
ctggtgctac	taagagtcca	ctccacttag	ctgtaagtga	gatgccatga	gcagcttcac	1680
ctgttacaaa	aacaacctaa	gcattcctaa	aactagattg	ctcttaaaat	gtaaatgtag	1740
taacacagtg	atgagtggta	gtgaaaagtag	tccgtggtaa	aag		1783

<210> 2679

<211> 389

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (107)...(199)

<223> similar to gi285983 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2679

gcccagccca	cggtagagaa	atgtccagca	ccaattctgt	tcaagtgtga	tcagggtcaaa	60
gtgtgtgcta	gagcacaggg	gagttctgaa	ccaggattgc	ccccgacagg	tcactcagct	120
ctatgtgcca	gcatccagac	atgtgtggag	gttccggcgg	atggggagga	taggcccgt	180
gcagtccacc	ctggacggtg	agttctctag	gacacagggt	tactgaggtg	tgaattacat	240
gctgtcaaat	tcactccttt	aatctacaga	tctgttattt	ttcataaact	tatacagcca	300
tgtcactccc	agcaggagct	accatgtaga	aaagtttcat	caccacaaa	attgcctcta	360
gctccattgc	ggccacctct	tcagcagcc				389

<210> 2680

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (98)...(408)
 <223> similar to gi3882183 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2680
cggcacgagc ggcacgagag tcagaggggt ttaatttact tgtgaagctc acactattga      60
aactaattgc aatgcttgac tttattttct ttagagtcca agaaagagaa aaacaaggca      120
tagcacaaat cccctctag agtgtcatgt tggttgggta atggattcca gagaccatgg      180
gccaggaaca tcctctgtca gcacttcaaa tgcttcacct tcagaaggcg caccactagc      240
aggaagttat ggatgtactc ctcatcatt cccaaagttc cagcatcctt ctcatgaact      300
tttgaaggaa aatggcttta cccaacaagt gtaccacaag tatcgtcgaa gatgcctaag      360
tgagagaaaa cgcttgggaa ttggtcagtc ccaagaaatg aatacc                      406
  
```

<210> 2681
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(384)
 <223> similar to gill136418 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2681
aatagacagg ctacgcctgg acaaatacta tatgctgatt cgtctggtcc tgaggcagtc      60
ctttgaagtc ttgaagcgaa atggctggga agaaagccga atcaaggttt tcttgatgt      120
cctgatgaag gaggtcctgt gtcttgagag tcagtctcct aatggagtga gattccactt      180
cattgatatt tacctggatg aactctccaa agtcgggggg aaggagcttt tagcagatca      240
gaatctcaag tttatcgatc cattctgcaa aattgctgca aagacgaagg accacaccct      300
ggtacagacc atagctcggg gtgtcttcga agctatcgta gatcagtcct cttttgtgcc      360
tgaagagacg atggaggaac aa                                           382
  
```

<210> 2682
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(360)
 <223> similar to gil841756 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 2682
cccggcagcg gcggcagcgc ggggggcccga gacggcagtg cctaccaggg cgcgctgttg      60
cctcgagaac agttcgcggc cccgcttggg cggccggtgg ggacctcgta ctccgccacc      120
taccggcctt acgtgagccc cgacgtggcc cagtcctgga ctgccggggc cttcgatggc      180
agcgtcctgc acggcctccc aggcgcgagg ccacacctcg tgtccgactt cttggaggag      240
ttcccggtg agggctcgta gtgtgtcaac tgcggggccc tgtccacacc gctgtggcgc      300
cgagatggca ccggccacta cctgtgcaat gcctgcggcc tctaccacaa gatgaatgg      359
```

<210> 2683

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (209)...(381)

<223> similar to gi2197085 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 2683
cctgatgcta tcttttgaca cagtcatatc ttgtttgtat attttaccat tagaaatatt      60
cttgttgaag tcaaaataaa atataaagac aaatctccaa atttaaagca ttttatttgg      120
gaagcaagaa ttgcaattca ggacatattg gtaggtggtg gtcttcagta tgttcaaaga      180
acaaagagaa ggttgggagt tttattagaa agaaaaattt gggggaaagg acttcctatt      240
caataaatgg tactgggata actggctagc tatatgcgga agattgaaac tggacccctt      300
acttacacca tatacaaaaa tcaactcaag atggactgaa gacctcaatg taaaacctaa      360
aactgtaaag actctggaac ctaaa                                385
```

<210> 2684

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (50)...(239)

<223> similar to gi595481 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters


```

<400> 2684.
cccagatcat cgacatgggtg cgttggtgggtg gtggtacagc tgtggagtct tacctgtcac      60
agtgtcaaga aatgaagggg atgaacggaa ccagggtgctg accctgtatc tgtggatacg      120
gcaggagtgg acagatgcct acctacgatg ggaccccaat gcctatgggtg gcctggatgc      180
catccgcatc cccagcagtc ttgtgtggcg gccagacatc gtactctata acaagtactg      240
cctatctggg cccctcctct ctcttaccct tctctagact tgcccttagc tgtgggggtg      300
tagtgatccc ctctccctac cacataacct ggttgccacg ctgccctgga agcttttccc      360
caggaccctt ctaagctgcc aagcactcag cccctccatg gcaccccccac tttaggctat      420
cccaggccag cccaggctga acgtctctc ggaacctact gtgtgggtcca gggcagatgt      480
ctgaatcaca agggcctctc tagggcacac ttttagctct aagtctctca gggctcccc      540
aagagcctgt ctaagggtct ctttctctca ggacatagcc ctctggaaca ctgctttatg      600
tctccttgac cagttccgtg tctcccagcc agcacatagc tctgcatatt ttctctgggg      660
cccttctaca agttttgcag atgtcccca aggggaagtca ctgtgtgtcc cggagctacc      720
tctgggttct gcagaggcct ttttatacat cctctggcta cgtctgtgtc cttctctggcg      780
ccttcaggca ccaccccttc caggcctcga aaggcagcgg gtctctctag gtgcactcca      840
ccctctgtgt tgctttgttc tgaaaacaag aatcaaatta acgaaaaaaa aacaagcaca      900
agttttattta tttatttgag acacagcctg ggcaagagag tgagacttca tctc      954

```

<210> 2685

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (158)...(374)

<223> similar to gil477565 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2685
tcaaaaaaag taataataaa taaaataaat gtttatctta gaatagattc atatgaaatg      60
tcagaatttt ctaagtgtta aaaataactgt ttttggcata cagagtttca tcatgtctga      120
gttaagtga gaactctaaa atatgttttt ttccatcaag cttcgttttag aggcacttca      180
tcagatcctc gttctattgt ctgggatgga agaaaaaggt agcatctcac tggcaggaag      240
cagattgagt tcaggcttcc agtctctcac actactcacg tctgtgaggc tgcagttcct      300
agcagggtgt tttggtttag gcactgttgg tctcacagga gccaaaggag agagtggccg      360
tttgcacac ctacc      375

```

<210> 2686

<211> 537

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(538)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(534)
<223> similar to gi984585 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2686
acaacgggga tatcgggcat gacgtgcgta accagctgct ggcaagcccg tcggtgctct 60
acaccgccac cgggattatg ttcgcgctgg cgggggtacc gggaatgccg cacctgccgt 120
ttttgctgtt cagcgccttg cttggtttta cgggctggcg gatgagcaaa cagccgctgg 180
cggcggagggc ggaagagaaa agcctcgaaa cgctgaccgg caccatcacc gaaaccagcg 240
agcagcaggt cagttgggaa accattccgc tgatcgagcc tatcagttta agcctcggtt 300
acaaactggg ggcgctgggt gacaaagcac agggtaaccc gctcaccag cggattcgcg 360
gcgtgcccga ggtgatttct gacggcaacg gcgtgctgct gccggagatc cgcattcggg 420
aaaacttccg ccttaagccc agtcagtacg ccattttcat caacggcata aaggctgatg 480
aagcggatat tccggcggat aacctgatgg ccctgccttc cacccaaacc tncgtct 537

<210> 2687
<211> 449
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (78)...(452)
<223> similar to gil736497 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2687
gatttaatgt ccgtacgccc tacaacacaa agagtgcgag aaaccctggc ggtaccacaa 60
gttaatcaga ctgtgcgcga catgtggcta ttctgggtga cctccagggg cccaaaatcc 120
gtgtateccac ctttaaagaa ggcaaagttt tcctcaatat tggggataaa ttcctgctcg 180
acgccaacct gggtaaaggt gaaggcgaca aagaataagt cggtatcgac taaaaggcc 240
tgctgctga cgtcgtgcct ggtgacatcc tgctgctgga cgatggtcgc gtccagttaa 300
aagtactgga agttcagggc atgaaagtgt tcaccgaagt caccgtcggg ggtccctctt 360
ccaacaataa aggtatcaac aaacttggcg gcggtttgtc ggctgaagcg ctgaccgaaa 420
aagacaaagc agacattaag actgcggcg 449

<210> 2688
<211> 386

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(387)
<223> similar to gi466625 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2688
acaagtacca gaccaaccta ttttggtgat accgatggct cagtcggtgc agttttgttc 60
gcgcttttcg caacgggaca tttgggaatc atggctgaag gagaaaattt ccttagccag 120
ttgcttaata tagaagatga agttctcaac gtattgctaa gggagaactt taatgagcaa 180
cttaacacta atgttaatac aataatcagt atcctgaaca gaagagacat tatttttagaa 240
agtcttcagc cttatttagt tattaataaaa gacgctgtga cgccatgtac gtttctgggc 300
gaccaaaccg gcgatcgatt tagcaatatc tgtggtgatc aatttatcat cgatttgtaa 360
aaacgcataa tgagtatcaa tgaaag 386

<210> 2689
<211> 231
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(233)
<223> similar to gil45175 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2689
gaacaccttc ctgccaaagtc cgggcaaaat caccggtttc cagcacctg gcggttttgg 60
cgtagcttgg gagtctcata tctacgctgg ctacaccgta ccgccgtact atgactcaat 120
gatcggttaag ctgatttgct acggtgaaaa ccgtgacgtg gcgattgccc gcatgaagaa 180
tgcgctgcag gagctgatca tcgacggtat caaaaccaac gttgatctgc a 231

<210> 2690
<211> 507
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(475)

<223> similar to gi537020 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2690
tcgccgattc gtcggtatcc agacctgacg ctgcaccgcg ccattaaata tctgctggcg      60
aaagagcagg ggcacagagg caacaccact gaaaccggcg gctaccatta ttcgatggaa      120
gagatgctgc aactgggtca gcactgttcg atggcggaac gtcgtgccga cgaagcaacg      180
cgcgatgtgg ctgactggct gaagtgtgac ttcagtctcg accaggtagg taacgtcttt      240
aaaggcgtaa tttccagcgt cactggcttt ggcttcttcg tccgtctgga cgacttggtc      300
attgatggtc tgggtccatgt ctcttcgctg gacaatgact actatcgctt tgaccaggta      360
gggcaacgcc tgatggggga atccagcggc cagacttata gcctgggcga tcgctgggta      420
gttcgcatgg aaactaataa tatgaacgac agcattttcc cattcagcct gatctgcggg      480
tacggacatt aaatccgata gcatggc                                     507

```

<210> 2691
<211> 458
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(461)
<223> similar to gi4062459 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2691
tggttcagcc aaaaggcaca ttgcgactgg ataaagacgc ccgtccattg ttgctgatcg      60
aagatccaga aaccggttta caccacatta tgctttcagt tgccctggcat ctggtgaatc      120
ttctgccatt gcagcgcat gccaccacca actcgggtga gttgctttcg ttaacgccgg      180
tagagcatgt ttgcgcactg gtacgtgagt cctcgcgcgt tgccgcctgg cgtctggggc      240
cgagtggcct gagtaccgaa gatagccgac gcatatcctt tcacattcgt ttaaccgctc      300
cgtcacgcgt gtttgcacgc tgctgggtgc tgggtggaagg ggaaacggaa acctggggtta      360
tcaatgaact ggcgcgtcag tgcggacatc attttgatgc cgaagggatc aaggtcattg      420
agtttgccca gtccgggcta aagccactgg tttaaattt                                     458

```

<210> 2692
<211> 344
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(346)

<223> similar to gil46208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2692
cggaagcgaa ctgttttaggc gctgtgatac cgccgcgatg tctatcggcg cgtaagccc      60
ggaagcccac gaggcgctgg cggaagcgat gaacagcatc ggcggtaatt cgaactccgg      120
tgaaggcggc gaagacccgg cgcgctacgg caccaacaaa gtgtcgcgca tcaagcaggt      180
ggcttccggt cgctttgggg ttactccggc gtatctgggtc aatgccgacg tcattcagat      240
taaagtcgcc cagggcgcgga agccaggcga aggcgggtcag ttgccgggtg ataaagtcac      300
gccttacatc gccaaaactgc gctattcggg gcccgaggatg accg                      344

```

```

<210> 2693
<211> 344
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(346)
<223> similar to gil736695 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2693
gccgttaaat cgtcgtatta ttaagcgata tcgggcgatt gtgggtggggg atactgcgca      60
ggcaggcgct tctacggcat cacaacttct cgacgaacaa gaagccatta ccgttttcga      120
ttttaaaacc aaactggagc tgcaaattag cggcctcggc tgcggtctatt taccctgta      180
tctggcgcaa cgttttctcg atagtggcgc gttaatcgag aagaaagtgg tcgccccaaac      240
tctctttgaa cccgtctgga ttggctggaa cgaacagacc gcaggacttg ccagtggctg      300
gtggcgggat gaaattttag caaatagtgc gatcgccggt gttt                      344

```

```

<210> 2694
<211> 255
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(237)
<223> similar to gil799905 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2694
tggtgatgg ggcattccg gtaattgccg ggaccggcgc taacgtact gcggaagcca      60
ttagcctgac gcagcgttc aatgacagtg gtatcgctcg ctgcctgacg gtaacccctt    120
actacaatcg tccgtcgcaa gaaggtttgt atcagcattt caaagccatc gctgagcata    180
ctgacctgcc gcaaattggg tataatgagc cgtcccgcac tggctgcgat ctccgggtcc    240
gacgctggaa tgcgt                                     255

```

```

<210> 2695
<211> 595
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(536)
<223> similar to gil789764 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2695
tacgcactga ctggtgcgtt gggtattgtc accgggatgg tgatgggaaa tatcgccgat      60
tatttcaatc tgcctgtttc cagtatgagt aataccttca ccttcctcaa cgccggcatt    120
ttaatctcta tcttcctcaa cgctggctg atggaaatcg tccggttgaa aacgcagtta    180
cgttttggct ttctcctgat ggtgctggcg gttgccggtt tgatgttcag ccacagcctg    240
gcgctgttct cggcggcgat gttcattctc ggggtgggtc gcggcatcac catgtcgatt    300
ggtaacattc tggtaacaca aatgtatgaa gggcgctcag gcggttcccc cctgttattt    360
accgactcct tcttcagtat ggctgggatg attttcccaa tgatcgccgc gtttctactg    420
gcgcgcagca ttgagtggta ctgggtttat gcctgcacgc ggctggtgta tgctgctatt    480
tttattctga ccttcggctg tgagttcccc gcgctgtgca gccatgacac taagttgggt    540
accgccagta gttatcccag tctggacgtt gtacagctac ggacattgaa tgcgt         595

```

```

<210> 2696
<211> 202
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(205)
<223> similar to gil46476 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2696

```

tcggtcagcc gctgtttgtg cgcgataacc gcacggtgac gctgactgaa gcgggcgaag	60
agctgcgcgt tttcgcccag caaacgctgt tgcagtatca gcagttgcgc cacaccatcg	120
atcagcaagg gccgtcgctc tctggcgaat tacatatctt ctgctcgggtg accgctgcct	180
acagccatct gccgccgatt ct	202

<210> 2697
 <211> 552
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(552)
 <223> similar to gi349229 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2697	
tcttgaagag cgcgtgctga tcaacaccag ctttaagcaaa gaacagcgtc gggaaaaaagc	60
cctgtc gatg atggcgaaag tcggcctgaa aaccgagcac tatgaccgct atccgcatat	120
gttctccggc ggtcagcgtc agcgtatcgc catcgcccgt ggtctgatgc tcgacccgga	180
tgtggtgatt gccgatgaac cggtttccgc gctggatgtt tcagtgcgcg cgcaggtgct	240
gaatctgatg atggatttgc agcaggagtt ggggctgtct tatgtcttta tctcccacga	300
cctgtcgggtg gtggagcaca ttgctgatga agtgatgggtg atgtacctgg gccgctgcgt	360
ggagaaggga acgaaagacc aaatcttcaa taaccgcgcg catccgtaca ctcaggcgct	420
actttccgcg acgccgcgcc tgaacccgga cgatcgccgc gagcgcatca agctcagcgg	480
tgaactacca agcccactga atccaccgcc gggttgcgcc ttcaacgccc gctgttgctc	540
gcgnttcggc cc	552

<210> 2698
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(425)
 <223> similar to gi4062194 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2698
tagcgccacc cttgaacggg tactaaatca ccctgacgaa acgcaagccc gacgcttaat      60
gacgctggaa gatatcgtca gtggttattc caatgtgttg atttccctgg cagatagtca      120
gggtaaaacg gtgtatcact cccccgggtgc gccggatata cgcgagttta cgcgtgacgc      180
catacccgat aaagacgctc aggggtggcga ggtgtatctc ctttccggcc cgacgatgat      240
gatgccaggc cacggtcacg ggcataatgga acacagcaac tggcggatga ttaacttgcc      300
ggttggcccc ttggtggacg gcaaaccgat ttatacgtc tacatcgcg tttcgatcga      360
ttttcatctt cattacataa atgatttgat gaataaactt attatgaccg catcggtaat      420
catcat                                         426

```

<210> 2699

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(150)

<223> similar to gi407097 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2699
attccgtaca cgcacttoga cgtccagttt ttggagaagt ttgggggtcac cttcaggagg      60
gaaggcgaga cggtcactct caagtgcacc atgctgggtga cgccggacct gaagcgggtg      120
cagccgcgcg ccgagtggta ccgcgatggt gagtaggaca cggcccagac ccgggcacac      180
accaggaggc ttttggacgg aaatgtcctt taaatgtggg tgtcaatgtg gcttttgtct      240
ctaccactgg gtcagctcca gacagcgaaa caaactgagg gactgtagag gacttggtgg      300
cccaccgttc gccttgaact tcatccagga gaatcctgga gagggagacc ccg          353

```

<210> 2700

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(343)

<223> similar to gi529240 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2700
gggtgctggc gtatccgggg attaaagtct cgacggcaga agccagggct attttaccgg      60

```



```

cgcagtatcg cgcaccaggat tgcattgcgc acgggcgaca tctggcaggc ttcattcacg 120
cctgctattc ccgtcagcct gagcttgccg cgaagctgat gaaagatggt atcgctgaac 180
cctaccgtga acggttactg ccaggcttcc ggaggcgcg gcaggcggtc gcggaaatcg 240
gcgcggtagc gagcggtatc tccggctccg gcccgcacctt gttcgctctg tgtgacaagc 300
cggaaccgc ccagcgcggt gccgactggt tgggtaaaaat 340

```

<210> 2701

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(337)

<223> similar to gil799796 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2701
gccagcaggg cgcaaaaaaa gcctcttttg acaccattgt cgccagtggc tggcgtgggg 60
cgctgcgcga cggcaaagcc agcgacaaga ttgttgacgc gggcgagttt gtcactctcg 120
atttcggtgc gctgtatcag ggctactgct ctgatatgac gcgcaccttg ctggtgaatg 180
gcgaaggggt gagcgccgaa tctcacctgc tgtttaacgt ctatcaaatt gtccctgcagg 240
cacagctcgc agcaatctcc gcgattcgcc ccggcggtgc ctgccagcag gtttacgatg 300
ccgcgcgcgc ggtcattaca caagcaggtt atgg 334

```

<210> 2702

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(436)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (48)...(426)

<223> similar to gi41228 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2702
actgtccgtc cgctgtacat cgtgaggact gggacattct tgggtgttacc caccttactc 60

```

accttgacaca	gcaaggtctgg	gcaactgaact	gctataccta	cttcggcgaa	ctgagtcgca	120
tgacgcagtt	taaagataaa	tctgcgcgtt	atgccgagaa	catcaacgct	ggtctgtttg	180
actatccggt	gctgatggca	gcggacatcc	tgctgtatca	aactaannnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
tgctgcgtgt	ggagccgacc	aataagatgt	ccaagtctta	cgatggctgc	aatcacgtta	420
tctggcctgc	tggac					435

<210> 2703
 <211> 481
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (36)...(484)
 <223> similar to gi4062217 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2703						
tgaccgcgatt	acgggtttcac	tgctcgtccc	cttacatcgc	cgggaccgag	aaaaccctgg	60
tggtccccga	cttatacggc	ccgctgaaca	ttttacaaca	gggccatgcc	agtgtgctgg	120
cgcacccgca	gctgcgtgag	cgggcagtg	cggtttcttc	atttggcaag	acctatcata	180
tgaccggctg	gaaagtgggt	tattgtgttg	cgccagcgcc	catcagcgcc	gaaattcgca	240
aggtacatca	gtatctgacc	ttttcgggtga	ataccccggc	acagctggcg	cttgcgtgata	300
tgctacgtgc	agaacctgag	cattatcttg	cgttaccgga	cttttatcgc	cagaagcgcg	360
atattctggt	gaatgcttta	aatgaaagcc	ggctggagat	tttaccgtgt	gaaggtagat	420
actttttgct	ggtggattac	agcgcgggtt	ctaccctgga	tgatcctgag	tttccccagt	480
g						481

<210> 2704
 <211> 281
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(259)
 <223> similar to gi1552831 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2704						
cgggcagcag	cagcgcgtgg	cgctggcccc	cgcgctgata	ctcaagccga	aagtgtgtgt	60

gtttgatgag	ccgttgagta	acctcgacgc	caacctgcgt	cgcagcatgc	gcgacaagat	120
cgcgagttg	caaaagcagt	ttgatatac	ctcgctgtac	gtcaccacg	atcagagcga	180
agcctttgcg	gtttctgata	ctgtgctggt	gatgaacaag	gggcacatca	tgcatatcgg	240
ctcaccgcag	gatctccggg	tacggagatt	gaattggtaa	t		281

<210> 2705
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(428)
 <223> similar to gil736441 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2705						
aatatggctc	tcacgccgct	cagcgtggcg	gataaatgca	aagagttaat	ggcgcaaaaa	60
cccggtagct	ggatcttcac	ctcagcaacg	ctgtcgggtga	acgacgatct	gcatcatttc	120
acctcgccgc	ttggcatcga	acaggccgag	tcgttgctgt	tgcccagccc	atttgattac	180
agccgccagg	cgttactctg	tgtgctgcgc	aatctgccgc	aaaccaacca	gccaggttct	240
gctcgccagt	tagcggcaat	gctgcgaccg	atcatcgaag	ctaacaacgg	tcgttgtttt	300
atgctttgta	cctcgcacgc	catgatgcgc	gatctggccg	agcagttccg	cgctaccatg	360
acgcttcctg	tattgttgca	gggggaaacc	agcaaagggc	aactgttgca	gcaatttgtc	420
agcgccg						427

<210> 2706
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(402)
 <223> similar to gil45763 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2706						
tggctgaatc	ccgcgtcttt	aaaattgccg	aaagtcgtgc	gaacaaagac	gaagggccga	60
agaacatcgc	cgatgtgctc	gacgcaaccg	tggcgcgtat	tgagcagttg	tttcagcagc	120
cacacgatgg	cgttaccggg	gtaaaccaccg	gttatgacga	tctcaacaaa	aaaaccgctg	180
gcttgacgcc	gtcggatttg	atcatcgctc	ccgcgcgtcc	gtcgaatggg	aaaacaacat	240
ttgcgatgaa	cctcgctcga	aacgcggcga	tggtgcagga	taaaccggta	cttatcttct	300

```

cgctggagat gccatcagaa cagatcatga tgcgttctct ggcgtcgtg tcgcgcgttg 360
accagactaa aatccgtacc gggcagctcg atgacgaaa 399

```

```

<210> 2707
<211> 367
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(364)
<223> similar to gil742778 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2707
gtgccggatg taaaaacatg cccggcgggc gtctttatgc ccacacactt gaagcaatca 60
ttccaggctt tgcagtatca gcgcggtag aacgcaaggt cacacgcgag aaaatctcct 120
tcttaaccga agaaagcgcc gttaccctcg attttcaccg cgagcagcca gatgttcgcg 180
aacacgcata ttataccgta ttgcgtaatc gtctggaccc gtggttgatg gaacaagccg 240
agcaggcggg cgcgcagttt atcccaggcg ttgcgcgtcga cgcgctggtt cgtgaaggaa 300
acaaggtcac tggcgtgcag gctgggggatg atattctcca agcgaatgtg gtgattctgg 360
ttgtgcc 367

```

```

<210> 2708
<211> 423
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(425)
<223> similar to gil45300 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2708
atctctggaa gactacgttt cccgcatgaa agaagggcag gagaaaatct actacatcac 60
cgcagacagc tatgcggcag cgaagagcag cccgcacctg gaactgctgc gtaagaaagg 120
catcgaagtt ctgctgcttt ccgaccgcac cgatgagtgg atgatgaact atctgactga 180
gttcgacggt aaaccgttcc agtcggtgtc taaagttgac gagtcgcttg aaaaactggc 240
tgacgaagtt gatgagagcg cgaaagaagc ggagaaagca ctgactccgt tcacgcaccg 300
tgtgaaagcc ctgctcggcg agcgcgtgaa agatgtccgt ctgactcacc gtctgaccga 360
tacgccagcg atcgtttcga ccgacgcgga cgaaatgagc actcagacgg cgaaactgtt 420
cgt 423

```

<210> 2709
 <211> 451
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5)...(450)
 <223> similar to gi396415 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2709
gtcatcgacc atgactacgg attctatgcg ccgacccgga caacggcgag acatgcacta      60
ccctggccat gcccaattta atcacgtgga atcccagcgg gcgttggtct atccgagctt      120
tgatatcaaa gcgtttttcg gtctggactc catccatctg cataccttat tcaaaaaaac      180
cagtcgccag ttcaacttca tcccgggtct gaaattgccg ctgtttgacg gtggacgggt      240
gaatgccaat ctogaaggca cgcgcgccgc cagcaacatg atgattgaac gttacaacca      300
gtcagtactg aacgcggtgc gtgacgttgc cgtcaacggc acgcgtctgc aaacgctcaa      360
cgacgagcga gaaatgcagg ctgaacgcgt ggaagccacg cgctttaccc agcgcgctgc      420
cgagcccgcc tatcagcgcg gcctaaccag g                                     451
  
```

<210> 2710
 <211> 493
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6)...(496)
 <223> similar to gi2367256 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2710
atagttttac tgccctggag cgcaatggcc agacggtagt tacctggaac cgggacggcg      60
gcacaagtac tgaacaggcg tataaaaata tcccgttcta catgactaac cgtgggttatg      120
gggtactggt caatcatccc cagtgtgtct cttttgaagt gggatcggag aaagtctcca      180
aagtgcagtt cagcgttgag agtgaatata tcgaataact tgttatcgac ggcccgcgcg      240
cgaaagcggc acttgatcgt tatacccgct ttactggctg tccggcgctg ccgcccgcgt      300
ggtccttcgg cctgtggcta accacttcat ttaccaccaa ctacgacgaa gcgacggtaa      360
acagctttat cgatgggtat gcggaacgca atctgccgct gcatgttttc cactttgact      420
gtttctggat gaaagccttc cagtgggtgc attttgagt ggacccgctg actttccctg      480
accggaagg gat                                     493
  
```

<210> 2711
 <211> 424
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (29)...(426)
 <223> similar to gil47485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2711
 tacaattcaa tttcgggtacc cgtacaaccc ggcgagcgtg attggcctga cagtcgccaa 60
 cttaatcatt gtgctgctga ttgaacggat gctcgacgac aaacgcattc ttgcgcatat 120
 tcgcgcctcg aaagcgccaa aacctggcgc agaactgctg ctgggcgatg acgaaagtat 180
 taacgcaaca atgaccgcgc gccacggcgc actgtttgaa gtcgaattta atgatgaacg 240
 ctcggtgctg gatattctca acagcatcgg ccatatgccg ctgccgccgt atatcgaccg 300
 tccggacgaa gacgctgacc gcgaacttta tcaaaccgtt tatagcgaaa aaccgggcgc 360
 ggttgcagcc ccgaccgcag gtctgcattt tgacgagcct ttgctggaaa aattgcgcgc 420
 caaa 424

<210> 2712
 <211> 155
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(158)
 <223> similar to gil789672 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2712
 tggcgggtgca ttacctagag cgggtgagaa ttgccgaaca tgcgcataag tttcccgac 60
 agatttcagg tggtcagcag caacgcgttg ccattgcgcg ttcgctgtgt atgaagccga 120
 aaattatgtt gtttgatgag ccaacgtcgg cgctc 155

<210> 2713

<211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (24)...(328)
 <223> similar to gi290559 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2713

cgaattcgat	ctccgtaccc	ggagatctca	atgtgtggct	ttgcctggga	ctgctgatgc	60
ttgatcgcat	tgcaacaaa	gcggcgaagc	ggataaacgt	gacaccttcg	gcggtgagta	120
agtcgctggc	aaagttaaga	gcgtggtttg	acgacccgct	ctttgtgaac	tcaccgctgg	180
gtctgtcgcc	cacaccgctg	atggtcagca	tggagcaaaa	tctggcggag	tggatgcaaa	240
tgagcaacct	gctgctggat	aaaccgcacc	accagacacc	gcgcggcctg	aagtttgagc	300
tggcggcgga	atcaccgctg	atgat				325

<210> 2714
 <211> 209
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(212)
 <223> similar to gi2337774 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2714

gactgactat	cgcaccgaat	ttactgaagg	agctgcagga	aaaagtctcg	ccagtggtag	60
gtaaattaat	cccacattct	cagacgttcc	cacgcccagc	tcccatgagc	gaagcggagt	120
tccgttggga	gcacaatcag	gatgcgatgg	cggtagaaaa	actgtctgaa	ggcattcgtc	180
tgttcgccgt	tgatcaacgc	aaactggaa				209

<210> 2715
 <211> 497
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(498)

<223> similar to gi535006 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2715
gacaaagaag aatatccgca atccgcagcc atcgacctgc gttgcgtaaa tatggttgcc      60
gatctgtggc atgcgcctgc gccgaaaaat ggtcaggccg ttggcaccaa caccattggt      120
tcttccgagg cctgtatgct cggcgggatg gcgatgaaat ggcgttgccg caagcgtatg      180
gaagctgcag gcaaaccaac ggataaacca aacctgggtg gcggtccggt acaaattctgc      240
tggcataaat tcgcccgcga ctgggatgtg gagctgcgtg agatccctat gcgccccggt      300
cagttgttta tggaccgcaa acgcatgatt gaagcctgtg acgaaaacac catcggcgtg      360
gtgccgactt tcggcgtgac ctacaccggt aactatgagt tcccacaacc ggtgctcgat      420
gcgctggata aattccaggc cgacaccggt atcgacatcg acatgcacat cgacgctgcc      480
accggtggct tcctggc

```

<210> 2716

<211> 217

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(218)

<223> similar to gi4062409 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2716
gctccctatg acgccgaaaa ttattttgat tatgacaatc tgaataacgg accttctttg      60
cagcactggt ttggcgtcga ttcaactggg cgtgacattt tcagccgtgt cctggttggt      120
gcgcaaatct cgctggcggc gggcgtgttt gccgtgttta tcggtgcggc gatcgggacg      180
ttgctgggct tgctcgtggt atattatgaa ggctgggt

```

<210> 2717

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(434)

<223> similar to gi2443392 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 2717
cttgtcgttc tggcaaaact aacctctgtg ttgcggttcg cgaaaccag ggtaaaggcc      60
tgatgccaga cggcaccacc cgtttttctt acaacgggca gccgctttat cactacatgg      120
ggtgctctac attcagtga tacaccgtag tcgcggaagt gtctctggca aaaattaatc      180
cagaagcaaa ccatgaacac gtctgctgc tgggctgtgg cgtgaccacc ggtattggcg      240
cgggtacaaa cacagctaaa gtccagccag gtgattctgt tgccgtgttt ggtcttggcg      300
cgattggtct ggcagtgggt cagggcgcg ctcaggcgaa agcgggtcgg attatcgcta      360
tcgataccaa cccgaagaaa ttcgatctgg cgcgtcgctt cggtgctacc gactgcatta      420
acccgaatga g                                     431

```

```

<210> 2718
<211> 315
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(317)
<223> similar to gi4062680 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2718
gtacgacggc atcatggcaa ctgactcaac acaatgtgta aaaaaaagcc gtggccgccc      60
aaaagtgttc gacagggatg ccgcgcttga taaggccatg aaattgttct ggcaacacgg      120
ttatgaagcg acttctcttg cggacctcgt cgaagcgacc ggagccaaag cgcccacgct      180
atacgcgga tttaccaaca aagaggggtt atttcgtgcc gttctcgacc gctatatcta      240
tcgttttgcc gctaagcatg aagcacagct gttttgtaaa gagaaaaacg tggagtttgc      300
gctggctgac tattt                                     315

```

```

<210> 2719
<211> 568
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(571)
<223> similar to gi2995439 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2719

```

aggtattctg	tctgatcgct	gaccttgacc	cgatcgatga	gcttgtggac	ttcccgatcg	60
tttacgcttc	tgcgctgaac	ggatcgcg	gtctggacca	cgaagatatg	gcggaagaca	120
tgaccccgct	gtaccaggcg	attgttgacc	acgttcctgc	gccggacggt	gaccttgacg	180
gtccgttcca	gatgcagatt	tctcagctcg	attacaacag	ctatggtggc	gttatcggca	240
ttggccgcat	caagcgcggt	aaagtgaagc	cgaaccagca	ggtcactatc	atcgatagcg	300
aaggcaaaac	ccgcaacgcg	aaagtcggta	aagtgtctggg	ccacctcggt	ctggaacgta	360
tcgaaaccga	tctggcggaa	gctggcgata	tcgttgcgat	cacgggcctt	ggcgaactga	420
acatttctga	caccgtttgc	gacacgcaaa	acgttgaagc	gctgccggca	ctctccggtg	480
atgagccgac	cgtttctatg	ttcttctgcg	ttaacacctc	gccgttctgc	ggtaaagaag	540
gtaagttcgt	aacgtctcgt	cagatcct				568

<210> 2720

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(404)

<223> similar to gi42996 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2720

agaaaaaggt	ttcactcgcc	cgccggccat	tcaggatcca	gccattacgc	atgcgctcga	60
tggccgtgat	gtactcggtt	ttgcgccaca	aggcaccggt	aaaacggcgg	cgtatctgct	120
gccagcgttg	cagcacctgc	tcgatttccc	gcgtaagaaa	tccggtccgc	cgcgtatttt	180
gatactcacc	ccaactcgcg	agctggcgat	gcaggtgtcc	gatcatgccc	gcgaactggc	240
gaaacatacg	catctggata	tcgccaccat	caccggcggc	gtagcctata	tgaaccacgc	300
ggaagtgttc	agcgaaaatc	aggacatcgt	ggtcgccacg	accggacgtc	tgctgcaata	360
cataaaagaa	gagaacttcg	attgccgcgc	ggttgaaacg	ct		402

<210> 2721

<211> 448

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(451)

<223> similar to gi216463 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2721

gccgcaattt	gcacgcgctg	gcgttaaata	ttttcaaaga	tgaaggccgc	gaagcgtttc	60
tgaaattaat	ggaaaaccacc	gatattctca	tcgaagccag	taaagggtccg	gcctttgccc	120
gtcgtggcat	taccgatgaa	gtactgtggc	agcacaaccc	gaaactgggt	atcgctcacc	180
tgtccggttt	tggtcagtac	ggcaccgagg	agtacaccaa	tcttccggcc	tataaacacta	240
tcgcccaggc	ctttagtggg	tacctgattc	agaacgggtga	tggtgaccag	ccaatgcctg	300
ccttcccgtg	taccgccgat	tactttttctg	gcctgaccgc	caccacggcg	gcgctggcag	360
cactgcataa	agtgcgtgaa	accggtaaag	gcgaaagtat	cgacatcgcc	atgtatgaag	420
tgatgctgcg	tatgggccag	tacttcat				448

<210> 2722

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> similar to gi1651528 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2722

aacaactacg	ctaaacaaat	tgccagcctg	aacgatcaaa	tctcgcgcct	gacaggcgctg	60
ggggcgaggg	cgtcacctaa	caatctgctg	gatcaacgcg	atcaactggg	gagcgaatta	120
aaccagattg	ttgggtgtaga	agtcagcggt	caggatggcg	gcacttataa	catcacgatg	180
gccaatgggt	actcactggg	tcagggaagt	acggcgcggc	aactggcggc	agttccttcc	240
agcgctgacc	cttctcgtac	gactgtcgct	tatgttgatg	ggacggcagg	caatattga	299

<210> 2723

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(346)

<223> similar to gi41621 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2723

gggggtacgc	tttccggtaa	cccgattgcg	atggcagcgg	gtttcgccctg	tctgaatgaa	60
gtcgcgcagc	cgggcgttca	cgaaacgctg	gatgagctga	caacacgtct	ggcagaaggt	120
ctgctggaag	cggcagaaga	agccggaatt	ccgctggctg	ttaaccacgt	tggcggcatg	180
ttcggtattt	tctttaccga	cgccgagtcc	gtgacgtgct	atcaggatgt	gatggcctgt	240

gacgtggaac gctttaagcg tttcttccat atgatgctgg acgaagggtg ttacctggca 300
ccgtcagcgt ttgaagcggg ctttatgtcc gtggcgacaca gcatg 345

<210> 2724
<211> 366
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(367)
<223> similar to gil45856 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2724
caaggcacc gcgctgaatc tcaagggtcc tccaaagata aaaccctct tgccttcgct 60
ggcctgaaat tcggtgacta cggtccatc gattacggcc gtaactacgg tgtagcatac 120
gacatcggtg cgtggactga cgtcctgcc gaattcgggt gtgacacttg gactcaaacc 180
gacgtgttca tgactcaacg tgcaactggg gttgcaacct atcgtaaâcaa cgacttcttt 240
ggtctgggtg atgggtctgaa ctttgctgct cagtaccaag gcaaaaacga tcgtagcgat 300
ttcgataact aactgaagg taacggccac ggcttcgggt tctctgctac ctatgaatac 360
gaaggg 366

<210> 2725
<211> 199
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(202)
<223> similar to gil789473 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2725
gcgataccta ttcggtttct attccgctgg gagccaccat caatatggcg ggcgcagcaa 60
tcaactattac cgtgttgacg ctggctgcgg ttaatacgtt gggattccg gtcgatctgc 120
ccacggcgct gctgttgagc gtgggtggctt ctctgtgtgc ctgtggcgca tccggcggtg 180
cggggggggtc tctgctgct 199

<210> 2726
 <211> 554
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(556)
 <223> similar to gi288533 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2726

cgccatgatg	gcggacctga	cggaagaaca	gaaagcgcac	ggcgtgatca	ctgcttctgc	60
gggtaaccac	gcgcagggcg	tcgcgttttc	ttctgcgcgg	ttaggcgtga	aggccctgat	120
cgttatgcc	accgccaccg	cgcacatcaa	agtcgacgcg	gtgcgcggct	tcggcgggcga	180
agtgtgtctc	cacggcgcgga	actttgatga	agcgaaagcc	aaagcgatcg	aactgtcaca	240
gcagcagggg	ttcacctggg	tgccgccggt	cgaccatccg	atggtgattg	ccgggcaagg	300
cacgtgtggc	ctggaactgc	tccagcagga	cgcccatctc	gaccgcgtat	ttgtgccagt	360
cggcggcggc	ggtctggctg	ctggcggtgg	ggtgtgatc	aaacaactga	tgccgcaa	420
caaagtgatc	gccgtagaag	cggaaagactc	cgcctgcctg	aaagcagcgc	tggatgcggg	480
tcatccggtt	gatctgccgc	gcgtagggct	atttgctgaa	ggcgtagcgg	taaaccgcat	540
cggtgacgaa	actt					554

<210> 2727
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(412)
 <223> similar to gi1736642 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2727

ataagattga	taaggaccgt	tatctctccg	gcaatcctat	cgaggtgacg	gtagaactga	60
gagatgaaaa	tgacaaacct	gttaaggaac	aaaaacagca	actgaataac	gcagtcagca	120
tcgacaacgt	gaaaccagga	gtcactacag	actggaaaga	aaccgcagat	ggcgtctata	180
aggcgacct	taccgcctat	accaaaggca	gtggacttac	tgcaagcta	ttaatgcaaa	240
actggaatga	agatttgc	accgctggat	ttatcatoga	cgccaacccg	cagtcagcga	300
aaattgcgac	attatctgcc	agcaataatg	gtgtgctcgc	caatgagaat	gctgcaccgc	360
aagtctcgta	cgatgggtat	catcagggt	ttccactct	cgacgatgta	cgggtacgga	420
cattgaatcc	gtaagcagg					439

<210> 2728
 <211> 140
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(141)
 <223> similar to gil805561 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2728
 gccaacgcgc agcaagggct gccagtggt atcacctga agctaaataa ccttgctgat 60
 aaaggcctgg ttgatcgtct gtatgcggcc tccagctcgg gcgttcgggt taatctgctg 120
 gttcgcggaa cgtgttcgct 140

<210> 2729
 <211> 441
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(428)
 <223> similar to gi43248 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2729
 cgcgcgaaatg acgctcatcc ccggcacaca tctgctggaa aacatccaca acatctgggt 60
 gaacggggta ggcacgaata gcgcgccgtt ctggcggatg ttgcttaaca gctttgtgat 120
 ggcgttcagc attacgctcg gcaaaattac cgtctcgatg ctctcgcat ttgccattgt 180
 ctgggttcgt tttccgctac gtaacctctt cttctggatg atttttatca ccctgatgct 240
 gccggttgaa gtacgtatct tcccgcgggt ggaagtcatc gccaacctgc agatgctcga 300
 cagctacgcc ggtttaacgc tgccgctgat ggctcggcg accgctactt tcctgttccg 360
 caagttaaat atgtcggggc cggacaaggt ggtgccagcc gcgcggatct ccgggtacgg 420
 acctagagtt cgtaagcaag a 441

<210> 2730
 <211> 654
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(656)
 <223> similar to gil788900 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2730
 ggactactgg gctggagtgg acattttctcg ctataaaaaat gtgcctgttc caacctcata 60
 tatggccgaa aaatcgagcgt acgattttgt cggcgcgtgg tgtcacgatg aagatggcgg 120
 tttgctgcac gttgccaaacc accatattgc gccaggtaaa aaacagtgga gttggggaca 180
 cagtgaattt ggccaggcgt gggataagag tctgaccgac aataacggcc cgtatatcga 240
 actgatgacc ggtatttttg ccgataacca gcccgatttt acctggcttg atgcttacga 300
 agagaagcgt tttgagcagt atttctgccc ttatcattct ttgggcatgg tgcaaaatgc 360
 ctcccgcgat gcggtgataa aactccagcg tagtaagcgg gggattgagt gggggctgta 420
 tgccatctct ccgttgaacg gataccgcct ggcgatccgc gaaatcggta aatgcaacgc 480
 gttacttgat gatgccgtgg cactgatgcc tgcgaccgcc atccagggcg tgttgacagg 540
 tatcaattct gaaaggctga ccattgagct ctccgatgcc gacggcaata ttgtactgag 600
 ttatcaggaa catcagccgc aagcgttgcc gttaccggac gtcgccaaag cgcg 654

<210> 2731
 <211> 242
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(245)
 <223> similar to gil778474 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2731
 atcggggtaa aacggtttat gacgtagcgt cagggggacgc gttattttatt tctgaactcg 60
 gtcggttacc ggaaaatggt acctggttat cgccggaagg ggagtttcag aagtggaacg 120
 gtacagcctg ggtgaaagat gcagaagcag aaaaactggt ccggattcgg gaggcggaag 180
 aaacaaaaaa cagcctgatg caggtatcca gtgagcatct tgcgcctctt cagaatcctg 240
 ta 242

<210> 2732
 <211> 533
 <212> DNA
 <213> Homo sapiens

<220> .
 <221> misc_feature
 <222> (43)...(534)
 <223> similar to gil742617 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2732
 ttggtagacc atgacacgga ttctatgtcg cgacccggac atcgtattga ttgccatatc 60
 gatgaggttt ttatccgtca ccagattgaa cttgagcgtc taacttcgat tgccataacc 120
 ttgccgggaa ttattgatac ggaaaatggg attgtacatc gcatgccgtt ctacgaggat 180
 gtaaaagaga tgccgctcgg cgaggcgtcg gagcagcata ccggcgttcc ggtttatatt 240
 cagcatgata tcagcgcgat gacgatggca gaggccttgt ttggtgcctc acgcggggcg 300
 cgcatgtga ttcaggtggt tatcgatcac aacgtggggg cgggcgtcat taccgatggt 360
 catctgctac acgcaggcag cagtagtctc gtggaaatag gccacacaca ggtcgaccgc 420
 tatgggaaac gctgttattg cggaatcac ggctgcctcg aaaccatcgc cagcgtggac 480
 agtattcttg agctggcaca gctgcgtctt aatcaatcca tgagctcgat gtt 533

<210> 2733
 <211> 441
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(443)
 <223> similar to gil46119 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2733
 ctattccgct tctgctgatt ccattcctat tctgtgcatt accggccagg caccgcgcgc 60
 ccgtctgcat aaagaagatt ttcaggccgt agatattgaa gcaattgcta aaccggtcag 120
 caaaatggcg gttacagttc gtgaagcggc gctggtgcct cgctgctgc aacaggcatt 180
 tcacctgatg cgttctggtc gtccgggtcc ggtactggtg gatttaccgt tcgacgttca 240
 ggttgccgaa atcgagtttg atcctgacat gtacgaaccg ctgccggtct acaaacctgc 300
 tgccagccgt atgcagatcg aaaaagctgt agaaatgtta atccaggccg aacgtccggt 360
 gattgttgcc gggggcgggg taattaatgt tggcgcaaag gcgctgaaac agcagtttgc 420
 tagggtgtcc accgtcccgc c 441

<210> 2734
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (394)...(5)
 <223> similar to gil47423 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2734

taggctgttg	actttttctt	cataagtacg	gaagtagccg	ttcagtgccg	gacgaccaa	60
ttcgttggtta	aacgccgcgc	cgcccagcgg	gccttcgggtc	atgatgtcca	gcgcggtgac	120
aatgcgctca	ggcttaccga	aatcttcttc	ccacggctgt	tcgaagccag	gaattcgag	180
gttggaaacg	gagaaaccaa	ccagacccgc	tttcggcttt	gcgccgcgcc	cgggtggcacc	240
ttcatcgcg	atttcaccgc	cggaaccggt	cgccgcgccc	ggccacggag	aaatcgccgt	300
cgggtggttg	tgagtttcga	ctttcatcag	aatatgcgcc	ggttctgat	ggaaatcgta	360
gcggcccggtt	tcgtggtcac	caaagtancg	gccc			394

<210> 2735
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (127)...(280)
 <223> similar to gil155360 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2735

cttccatttg	ttctcattct	ccttccccag	ctggggctga	tgaacctgtc	gcacgcatag	60
cctcggtca	gggtgatgt	ttggtgctgt	tcccacagtc	acctctgtcc	tgtgcacacc	120
tgtatggagg	gtgcttgccc	cttcaactgtg	caacagagcg	cccagccaca	gaacacccag	180
ccacagaaca	catggccaca	gaacacgcag	ccacagaaca	cccagccaca	gaacacatgg	240
ccacagagca	cgcagccaca	gaacatccag	ccacggggct	atgcctcaaa	ctgaggcagt	300
gtcttgacag	acagctggaa	gacacggccc	tgg			333

<210> 2736
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (77)...(812)
 <223> similar to gil789150 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2736

attcagatgt	ccgtcctgta	catcggtctgg	actgggatga	gcctggcgctg	gcgcaactta	60
atatttgcctt	actgtgcaac	aacgtatcga	agtcgaaatg	ctcgggttatc	tggtcttcgt	120
cggtaatcgc	aaagccacgc	cgtcgccgta	tcaaagccag	cgggatgact	catgcgactg	180
gtatcgctg	cgtcatgaag	aagcgatgac	gccggatgcg	gtggtgcgcc	tggcggaagc	240
ggcatatgaa	aaatatggct	tcaacgattt	caaactgaag	ggcgggtgtac	tggccgggga	300
agaagaggcc	gagtctattg	tggcactggc	gcaacgcttc	ccgcaggcgc	gtattacgct	360
cgatcctacc	ggtgcatggt	cgtcgatcga	agcgattaaa	atcggtaaat	acctgaaagg	420
ttcgctggct	tatgcagaag	atccgtgtgg	tgcgcagcaa	ggtttctccg	ggcgtgaagt	480
aatggcagag	ttccgtcgcg	cgacagggtt	accgactgca	accaatatga	tcgccaccga	540
ctggcgga	atggggccata	cgtctctccct	gcaatccggt	gatatcccg	tggcggaatcc	600
gcatttcttg	acaatgcaag	gttcggtacg	tgtggcgcaa	atgtgccatg	aatttggcct	660
gacctggggt	tcacactcta	acaaccactt	cgatatttcc	ctggcgatgt	ttacccatgt	720
tgccgcccgt	gcaccgggta	aaattactgc	tattgatacg	cactggattt	ggcaggaagg	780
caatcagcgc	ctgaccaaag	aaccgtttga				810

<210> 2737
 <211> 621
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(624)
 <223> similar to gil651245 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2737

tggagatgtt	tgtttctacg	cgccgtgacg	gtcgctcgct	gggtgagctg	gtcaaagaag	60
agatggggcc	aaccgcggg	gtgattgcgc	tgggtggcctg	ctttatgac	atggtcatta	120
tccttgacgt	gctggcgatg	atcggtgtga	aagccctgac	tcatagcccg	tggggaacat	180
ataccgttgc	gttcaccatt	ccgtcgccgc	tggttatggg	gatctacctg	cgctatctgc	240
gtccggggcg	tattggcgaa	gtgtcggtca	tgggtctggt	attcctgatt	ttcgccatta	300
tctctggcgg	ctgggtggca	gaaagtccga	cctgggcacc	gtactttgac	tttaccggcg	360
tgcagttgac	ctggatgctg	gtgggttacg	gttttgtggc	ggcgggtgctg	ccggtgtggt	420
tactgttggc	cccgcgtgac	tacctctcta	ccttctctgaa	aatcgggact	atcgtcggtc	480
tggcggtagg	cattttgatt	atgcgcccgga	cgtgacccat	gcctgcgctg	accaaatttg	540
tcgatggcac	tggcccggta	tggaccggga	acctgtttcc	gttctgttt	atcaccatcg	600
cctgtggcgc	ggcgtctggt	a				621

<210> 2738
 <211> 572
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (32)...(496)
 <223> similar to gil736453 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2738
catgctacga attctagcgt cgcacccgga gatcgtgacg cctggcggtg aaataagctg      60
ggttgacgct aatctcgggg tcgatgaaat ccgcgagcaa ctgctctctt caccgcacag      120
tctgttcccg gtatgtcgcg gtgaactgga tgaaatcatc ggtattgtac gtgctaaaga      180
actgctggtg gcgctggaag agggcggttg tgtggcgggc attgcttcgg cgtctccggc      240
gattatcgtc ccggaacccc tcgatccgat caacctgttg ggcgtgctgc gtcgtgctcg      300
cgggagcttt gttatcgtga ccaacgagtt tgggtgtggt caaggtctgg tcacgccgct      360
ggatgtgctg gaagccattg cgggtgaatt tccggacgct gacgaaacgc cggaaatcat      420
tactgatggt gacggctggc tggtaaaagg cgggtgcagat gtgcgtgcct ttcagcaggc      480
gcttgaggct gacccccccc ttgagctggg atgatgacct gacgtttgcg gtcacgggtg      540
atgtacgggt acgcgagctt gaattcgtaa tc                                     572
  
```

<210> 2739
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (36)...(440)
 <223> similar to gi216512 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2739
cactctgatt acgaattctt gctctcgacc ctgagatccg ccaggatgaa gaagacttcg      60
aaaccttcca gggcgaaggc ctcttctcga tggacgaaaa atctcgccag gtgaacctga      120
ccgaacgtgg tctggtgctg attgaagaac tgctggtgaa agagggcatc atggatgaag      180
gggagtctct gtactctccg gccaacatca tgctgatgca ccacgtaacg gcggcgctgc      240
gcgctcatgc gctgtttacc cgtgacgtcg actacatcgt taaagatggt gaagttatca      300
tcgttgacga acacaccggt cgtaccatgc agggccgctg ctggtccgat ggtctgcacc      360
aggctgtgga agcgaaagaa ggtgtgcaga tccagaacga aaaccaaacg ctggcttcga      420
tcaccttcca gaactac                                     437
  
```

<210> 2740.
 <211> 389
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(390)
 <223> similar to gil800007 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2740

ctcgccctgga aagggttaat taccgatccc catatggatg gttcttttga tgtagaagcc	60
gggctgcaga tcgcgcgtaa attgctgctt gagctggatg atatgggact gccactggcg	120
acggaagcgt tagatccgaa tagcccgcaa tacctgggag atctgttttag ctggtcagca	180
attggtgctc gtacaacgga atcgcaaaact caccgtgaaa tggcctccgg gctttccatg	240
ccggttggtt ttaaaaacgg caccgacggc agtctggcaa cagcaattaa cgctatgcgc	300
gccgccgccc agccgcaccg ttttggtggc attaaccagg cagggcagggt tgcgttgcta	360
caaactcagg ggaatccgga cggccatgt	389

<210> 2741
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(340)
 <223> similar to gil736423 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2741

aggctgccgc tgagcgctgg ggcttcgcct tgagttttga gcaaattggag tgggcgagct	60
gcgagtatta cagccatcac ggtaaaatga tgccggacga ctggcatgag caacttagcc	120
gtttcgacgc catctatttt ggtgccgtcg gctggccgga taccgttccg gaccatattt	180
cgttgtgggg ttcgctgctg aaatttcgtc gtgaattcga ccagtacgac aacctgcgcc	240
cggttcgtct ctttccctggc gttccctgcc cgctggcggg aaaacagcct ggcgacatcg	300
atttttacgt ggtcagggaa aacaccgaag gcgaatt	337

<210> 2742
 <211> 455
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(457)
 <223> similar to gi216440 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2742

gtccgtatct gatatcgacg acgttatcct cgttggtggt cagactcgta tgccaatggt	60
tcaaaagaaa gttgctgagt tctttggtaa agagccgcgt aaagacgtta acccggacga	120
agctgtagca atcggtgctg ctgttcaggg tgggtgtctg actggtgacg taaaagacgt	180
actgctgctg gacgttacct cgctgtctct gggatcgaa accatgggag gtgtgatgac	240
gacgctgatc gcgaaaaaca ccactatccc gaccaagcac agccaggtgt tctctaccgc	300
tgaagacaac cagtctgcgg taaccatcca tgtgctgcag ggtgaacgta aacgtgcggc	360
tgataacaaa tctctgggtc agttcaacct agatggtatc aaccggcac cgcgcgcat	420
gccgcagatc gaagttacct tcgatatcga tgctg	455

<210> 2743
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(397)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (16)...(396)
 <223> similar to gi536970 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2743

gtccgaccgc gacatctgct ggatattgac gataccgaca tgcccagttc tcgttactcg	60
gacctgaag ccacgcgtat tggtcagcca tttaaagggt atgacatcct taaagcgtg	120
aatggcgaag aaaatgtcgc tatcaatcgc ggttttctgg cgcaggcttt acgcgtatct	180
acccccatct acgatgaaaa tcataaaca attggcgtgg tggcgatcgg ccttgagtta	240
agccgtgtga cccaacagat caatgacagt cgctggagca ttatctgggc ggtattatct	300
ggcatgctgg tcggactgat tggcacctgc attctgggta aggtactgaa aaaaatcctt	360
ttcggcctgg aaccctacga aatctccncc ctgttt	396

<210> 2744
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(404)
 <223> similar to gi396299 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2744

ctgtgcgaaa	tgtttgcgtg	atgcggatga	atgcccctcc	ggggcgtttg	aacggattgg	60
tcgcgatatc	agccttgacg	ctctggaacg	ggaagtgatg	aaagatgaca	ttttctttcg	120
cacgtccggc	ggcggcgctca	cgctttctgg	cggcgaagtg	ttaatgcagg	cggagtttgc	180
taccggtttt	ttacagcgac	tgcggtctgtg	gggtgtgtca	tgcgccattg	aaactgccgg	240
agacgcacca	gccagcaagc	tattaccgct	ggcgaaattg	tcgatgaag	tggtgttcga	300
tttaaaaatt	atggacgcga	ctcaggcgcg	ggatgtggtg	aagatgaacc	tgccacgcgt	360
gctggagaat	ctgcgtttgc	tggtgagtga	gggcgtcaac	gt		402

<210> 2745
 <211> 625
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (22)...(605)
 <223> similar to gi4062504 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2745

ttcccggggc	gacgatttcg	tccggaatca	aaaatctcct	gggtggagtt	ccccgcgggt	60
ccgcaaattg	tggaagcggt	aaacgttggc	agtattgatc	tcggcagtac	cggggatatt	120
ccgccaatct	ttgccaggc	tgccggggct	gatttgggtg	acgtgggcgt	cgagccaccg	180
aagcccaaag	ccgaagtgat	tctggtggca	gaaaacagcc	cgatcaaaac	cgtagccgat	240
cttaaaggct	acaaagttgc	ctttcagaaa	ggttccagtt	cacacaacct	tttactgcgt	300
gcactgcgtc	aggccggact	taagtttacc	gatatccaac	ccacttacct	gacgcccgct	360
gatccccgcg	ccgcgttcca	gcaaggtaac	ggtgacgcct	gggctatctg	ggatccctac	420
tactctgctg	cattattaca	ggcgggcggtg	cggtgtctga	aagacggcac	cgatctcaat	480
caaactggat	cgttttatct	ggcagctcgt	ccctatgcag	aaaaaacgg	cgcttttatt	540
cagggcgtag	tggcaacctt	tagtgaggcc	gatgcgttaa	cccgcagcca	gcgcgagcaa	600
agcaacgaaa	tcgtcgaccc	gggaa				625

<210> 2746
 <211> 453
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(454)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (264)...(456)
 <223> similar to gi581146 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2746

ccaccagaga gcagtgaact gagtatccag ccagctgcac gaaagagcag cagagtcaaa	60
ggaagtggca ggaaaaaat aatgggcaag gcaaaaatga tgaaataaaa atccaggaag	120
caacataaag tattaacaaa accaaagggt gggtctttaa aaatagtaca aaaatagaca	180
agcctctggt tatattaaga tgccacagag aaatagggga nnnnnnnnnn nnnnnnnnnn	240
nnnnnnnnnn nnnnnnnnna aagttgttcg tgctggtggg aacgctttat ccgatgattt	300
acggcctgct gggctgggga cgctctccg ttggcgcgcc gtattttaac cgcgcgacgt	360
taccgtttgg tctgttgatg ctggtggtga ttgtgctggc gacgtttgtc tctggcaaac	420
gcgtgcagct tccggcgctg gtagctcatg cgg	453

<210> 2747
 <211> 127
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> similar to gi2454510 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2747

aaccgcatcc cggccaacct ggtggaccag ttcgagaagc agctgccgct gcaccgggac	60
ggcttccaca cgctgcagta ccagaggacg tccgcggccg ccgagcagcg cagcgagagc	120
cccgggc	127

<210> 2748
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(336)
<223> similar to gi40908 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2748
gggtggcgcc cggatgacga aacacccacc ctgctggtgg tgcacaatat taacctgccg 60
ccaggcgagt ttggcggtcc gtggatcgac gcattattca ctggaactat tgatccgcag 120
gcacatcctt tctttgctga gatcgcccat ttgcgcgtct ccgctcactg tttgattcgc 180
cgtgatggtg aaatagtcca gtatgttcct ttcgataaac gtgcatggca tgcgggagtc 240
tctcagatc aggggcgcga acgctgcaat gatttttcta ttgggattga gcttgaaggc 300
accgatccgc tggcgatatac cgatgcgcag tattg 335

<210> 2749
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(347)
<223> similar to gil742648 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2749
tacctgttat tgtttgtctg cttccttggt atgtctctgc tggttgggct ggtgtacaaa 60
tttaccgccg aacgcgcggg caaacagtcg ctggatgatt tgatgaacag ttcgctgtat 120
ctgatgcgca gcgaattgcg tgagatcccc ccacacgact ggggtaaaac tctgaaagag 180
atggatttaa atctctcttt cgatctgcgt gtcgagccac tgagtaaata ccattttgat 240
gatatttcca tgcaccgact gcgtggcggc gaaattgtcg ccctggacga tcagtacacg 300
tttttgcagc gtatcccgcg cagccactac gtgctggcag ttggtc 346

<210> 2750

<211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(374)
 <223> similar to gil778530 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2750
 agcgctggcg attcagggct ggctaccccg tttcattgaa tttgggtgcct gtagtgcgga 60
 aatggcacca gaagcgggtac tccacggatt acgccaatt ggtatggctt gcgaagggtga 120
 tatgttcgcg gccactgcgg gcgtaaacac gcataaaggc agcatttttt ctttagggct 180
 gctatgtgcg gcaattggcc gtttgcttca actcaaccaa ccggtaacgc caacaaccgt 240
 ttgtttctacg ggggcaagtt tctgcggtgg cctgacggat cgcgaactgc gtaccaataa 300
 ttcacaactg acggcagggtc aacggttgta ccaacagctt ggccttaccg gcgcacgcgg 360
 tgaagccgaa gc 372

<210> 2751
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(598)
 <223> similar to gil736838 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2751
 cgcaattggt tccctgccga ttaccgaaaa aggctattgt attgaccggg ccaccgggtgc 60
 actcgacacc agtaatccgc ggattattca cgatctacaa acccctgaag aacctcactc 120
 cgcaccgggt attctcgctg aagcactgaa acgcccggct gagcgcggcc ttacaccggt 180
 taccgtgctc tcctgcgaca atattcccga caatgggtcat gtgggtgaaaa acgcggtgct 240
 ggggaatggca gaaaaacgtt cgccagaact cgccgggtgg ataaaagagc acgtcagttt 300
 tccgggaacc atggctcgacc gcattgttcc ggctgcaacc gacgaatcac tgggtggaaat 360
 cagccagcat ctgggggtga atgatccctg cgcgattagc tgcgaaccgt ttatccagtg 420
 ggtgggtggaa gataacttcg tcgctgggag tctgcctggg gaagtcgcag gtgtacaaat 480
 ggtgaatgat gtctgccat gggaagagat gaaactgcgg atgcttaatg gcagccactc 540
 ttttctcgct tatctggggt acctctcagg attcgcccat atcagtgatt gcatgc 596

<210> 2752

<211> 207
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(208)
<223> similar to gi4062236 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2752
gttgaattat tcctcagcga tgaaggcgat gatgtggtga ttgaagtcgc cgatcagggc 60
tgcggcggttc cagagtctct acgagacaaa atatttgagc aggggggtcag tacgcgtgct 120
gacgagcccc gtgaacatgg cattggggttg tacttgattg ccagctacgt aacgcgctgc 180
ggtggtgtta tcactctcga agataat 207

<210> 2753
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(337)
<223> similar to gi537141 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2753
tcacgggtgc ctggacttcg acgacagtac agacgacaaa gagtacgtct tcgacgtgaa 60
acgtacattg caatctgtgg cgaaaagaga aatagctgcc cttgcccga caatgatcaa 120
agatggcgac tgcttttttc tcgactccgg ctcaacctgc ctggaactgg cgaaatgcct 180
ggccgatgcy cgggtaaagg tcatctgcaa cgacattaaa atcgccaatg aactgggctg 240
ttttcccat gtggaaagtt acattatcgg aggactgatt cgcccagggt atttttcggg 300
aggagagagt ctggcgctgg agatgatcaa tgcct 335

<210> 2754
<211> 518
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(518)

<223> similar to gil47536 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2754
gcaaactaaa accgggagca gcaccagaca acgctcacta tcaaggcaat accaacgtca      60
acggcgaaga catgactgag attgaggaga atatgtactt cccaatttct ggccaggaac      120
tgcccattcg ttggcttgct caacacggca gcgaaaaacc ggtaacgcac gtttcacgcg      180
acggactcca ggcattacac attgtctggg ctgaagaact accggctggt actgccctgg      240
ctgtttccca caaaaccagc ctgctcgacc cgctggaaat tcgcgaactc caaaaactgg      300
ttcgtgacac tgacaaagtt ttccctaata ctggtaattc aaacctggga ctgataactg      360
cttttttcga agcatacctg aacgtgtact acaccgatcg aggactgctg acaaaagagt      420
ggatgaaggg taatcgtggt tcacacatca ctgcacggc ttccggtgct aatgctggcg      480
gcggaaacct caccgatcgc ggcgaagggt tcgtaccc                                518

```

<210> 2755
<211> 405
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(408)
<223> similar to gil742266 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2755
tggatgattt cgccagtgtg cagaacatta ttaacaacag tgaagaattt gccgctgccg      60
tgaagaaacg cggattactt gatgcgaaaa aagtgtattc cagccgctg accgtagggt      120
atttcgatgg taaagatggc ctgaaacaag atgcccggtt gctcaaagtc atcagctatc      180
ttgatgtcgg tgatggcaac tactgggcac atcccatcga aaacctgggt gcggtcgttg      240
atrtagaaca gaaaaaaatc gttaagattg aagaagggtc ggtagttccg gtgccaatga      300
ccgcacgccc atttgatggc cgtgaccgcg ttgctccggc agttaagcct atgcaaatca      360
ttgagcctga aggtaaaaat tacaccatta ctggcgatat gattc                                405

```

<210> 2756
<211> 522
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(461)
<223> similar to gil48165 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 2756
taacacccgc gacaagctca ttgtcgtgac cgggctttcg gggtctggca aatcctcgct 60
cgctttcgac accttatatg ccgaagggca gcgccgttac gttgaatccc tttccgccta 120
cgcgcggcag tttctgtcac tgatggaaaa gccggacgtc gatcatattg aggggctttc 180
tcctgccatc tcaattgagc agaaatcgac gtctcataac ccgcgttcta cggtggggac 240
aatcaccgaa atccacgact atttgcggtt gttattcgcc cgcgttggcg agccgcgctg 300
tccggaccac gacgtcccg c tggcgggcga aaccgtcagc cagatgggtgg ataacgtgct 360
gtcgcagccg gaaggcaagc gtctgatgct actcgcgcca atcattaaag agcgcaaagg 420
cgaacacacc aaaacgctgg atatcctgcc aagccattaa gacgggtgtc gtcagtgggt 480
ttgccagtct ctgcgttgtc agcgtccgga cattgaatcc gt 522
```

<210> 2757

<211> 493

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(494)

<223> similar to gil742410 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 2757
aaggatcatc atgttgacgt tacgtataaa aactgcgct cactgaaaca tggcgaagcc 60
ctgctgaaaa tggagtgttg tgggtgatgt cataccgatc ttcagttaa gaatggcgat 120
tttggtgaca aaaccggcgt aattctgggc catgaaggca tcggtgtggt ggcagaagtg 180
ggtccaggtg tcacctcatt aaaaccaggc gatcgtgcc a gcgtggcgtg gttctacgaa 240
ggatgcggtc attgcaata ctgtaacagt ggtaacgaaa cgctctgccg ttcagttaaa 300
aatgccggat acagcgttga tggcgggatg gcggaagagt gcacgtgggt cgcgcgattac 360
gcggtaaaaa tgccagatgg tctggactcg gcggcgccca gcagcattac ctgtgcggga 420
gtcaccacct acaaagccgt taagctgtca aaaattcgtc cagggcagtg gattgctatc 480
tacggtcttg gcg 493
```

<210> 2758

<211> 210

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(213)

<223> similar to gil742348 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2758
ttcaggcgct ggaactggcg gtgcaggagt atccggtgaa agcgtgctgg ctgatgacta    60
atagccagaa tccactcgga ttaccttaa cgccgcaaaa aaaagcacia ctggtggcgt    120
tgctcaatca gtacaacgta acgctgattg aagatgacgt ttacagcgaa ctttattttg    180
gacgggaaaa accgctgcct gcgaaagcgt    210

```

<210> 2759
<211> 108
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(109)
<223> similar to gil651512 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2759
tggcgctcgt tgaataaccc gaaacattta gcggtcagca gcttctccat ggaaaacccg    60
caaggctttg gtctgttgca gcgcggtcgt gatttctccc gctttgaa    108

```

<210> 2760
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(320)
<223> similar to gil799996 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2760
cgcggtggact gtgcgcaggc gtgctggaag agacggtttc ctgttttgct gataatccgg    60
aaaatattct cgcttggtta gggccggcaa ttggtccacg cgcgttcgaa gtgggggggg    120
aggttcgoga ggcgtttatg gcagtagacg ctaaagcaag tgcagctttc attcagcatg    180
gtgataagta tctggcggat atttatcagc ttgcccgga gcgtctggcg aacgtgggtg    240

```

ttgagcaaat tttcggcggc gaccgttgta catatacgga aaatgagact ttctttctctt	300
atcgtcgcga caagacc	317

<210> 2761
 <211> 537
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(540)
 <223> similar to gil160318 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2761	
aagccttcaa catcgaacag gcgaccttta acgactacat ggcgaagctg ggcgaagttt	60
ccgataccga cattcgccgc tttgctgacc tgcaaactgc cctgaccaa cgtgtggatc	120
acttcgccgc tcacggctgt aaagtgtctg accacgcgct ggatgtggtg atgtttgctg	180
aagcgaacga agcggaaactg gacagcattc tggcgcgccg tctggctggc gaaaccctga	240
gcgagcacga agtggcgcgag ttcaaaaactg cggtaactggt gttccttggt gccgaatatg	300
cacgtcgcgg ctgggtacag cagtaccaca ttggcgcgct gcgtaataac aacctgcgtc	360
agttcaaact gctggggcgc gatgtaggct ttgactccat caacgaccgt ccgatggcgg	420
aagagctgtc taagttgctg agcaagcaga atgaagaaaa cctgctgccg aaaaccattc	480
tgtactgcct gaaccgcgc gataacgaag tgctgggcac catgatcggt aacttcc	537

<210> 2762
 <211> 214
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(211)
 <223> similar to gil787795 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2762	
tcgacgccat tatcgcccc gatgccaacg ccctgcccc tgccgcacaa gccgcagaaa	60
acttgaaaaa tgacaaagta gcgattgtcg gattcagtac gccaaatgtg atgcgcccg	120
atgtagagcg cggcacggtg aaagaatttg gcctgtggga tgtgggttcag caaggcaaaa	180
tatcagtgtg tgtggcggtg gcattacagt aaaa	214

<210> 2763
 <211> 485
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (398)...(487)
 <223> similar to gil1384056 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2763

gggatgcatg	actgagatgg	agtttggggg	aaactgttac	tacgtaagag	ctcctaccta	60
ccgaccatgg	gtgacacgca	gacaccttcc	catgcctgat	tcattcacat	ctcctactag	120
ctgtgtgagg	cagctcctac	tggtcccggt	gaaacagatg	tgaagtaact	agctcaagca	180
gctctaagtc	caagttaacg	tttgggtttc	agggcctgtg	tgcttcatcc	gtcatttgtg	240
tttctgaaaa	gcgagatgaa	taaaagttcc	agaatggcaa	acacgatctt	cgggccccag	300
gacagcagca	ttgagtgatt	ctggtcacac	ggggaggcag	ccgtgggcac	gcctgtccct	360
ggagctcaca	acccggtggg	caaccgtgga	cccacagatc	atcggggtcg	cggttgccgg	420
tcaggaaatc	tccaccgctc	cattccagtt	ggtcactggt	cgcgtatgga	aaggttccgc	480
gtttg						485

<210> 2764
 <211> 129
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (31)...(130)
 <223> similar to gil1799743 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2764

tacatcgtag	tgacggggaa	aacacattgc	ggtacgccac	ttactaccgt	tacaggagac	60
gcaacgcaat	cgggttatct	gacgctgaac	ctgcctgaaa	tgtgggaagt	gtcagggttat	120
aaccgtgtt						129

<210> 2765
 <211> 334

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (56)...(336)
<223> similar to gil651354 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2765
acttcatgtc cgtacgctgt acaaccacca gactgctaaa accctggggt tacccaaatt 60
gatggacttg ggcgacagca gcgagctctt ccgtaagcat cacatctctg gtcaggttct 120
gcgtgacgag ctactgcgtc gcggctggat ccaccaatta cgtcaacgca gcgacggtec 180
cgcgcaagtc ttttgccatc cagattacgc cggagagatt ggccttatca tgccgtatga 240
aaaagacttc tgcgccactt gcaaccgcct gcgcgtttcc tccattggta aactccatct 300
ctgcctgttt ggtgaaggcg gcgttaacct gcgc 334

<210> 2766
<211> 339
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(341)
<223> similar to gi882538 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2766
actggcaggc gcattgattg cccaggggggt tatggatttt ctgcctacga ttgcgattct 60
gaccgcccga gcaagtctgg gctgctggct aagttatatt caggggcgct ggtagggaa 120
taccaaaacg gtgaaaggct ggctggcaca gcttcctgct aaatatcacc agcgcgccac 180
ctgcatgttt gaccgccacg gtctgctggc gctgctggct ggacgttttc ttgcatttgt 240
ccgtacgctg ctgccaacca tggcggggaat ttccggtttg ccaaaccgcc gcttccagtt 300
tttcaactgg ttaagtggat tgctgtgggt cagcgtgggt 339

<210> 2767
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (3)...(369)

<223> similar to gi2584857 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2767

```
cgaaggattt gagttatctc gatgtactgc gcgacaaagc gccggttggc aacaaagttg      60
ccatcatcgg ttgtggcggg attggttttg atacggcgat gtatttaagt cagccgggcg      120
aatccaccag ccagaatatc gccgggttct gtaatgaatg ggggatcgac agtagcctac      180
aacaggctgg tggcttaagc ccgcaggga tgcagatccc ccgtagccca cggcagattg      240
tgatgctcca gcgcaaagcc agcaaaccag gacaggggtt aggcaaaacc accggctgga      300
tccatcgcac caccctgctc tcgcggggtg tgaaaatgtt ccccaaagt agtaatctga      360
gtatcgccag ggtcgtcccg ctcggtgtgt tctccggctc aaatcctcga agccgtttcg      420
ctc                                     423
```

<210> 2768

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(359)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (358)...(6)

<223> similar to gi405964 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2768

```
gccggttttg ccgcatcaat ggtgcttagc gatgactcaa cgtaccagtg cgccgactgc      60
aaatctgccc gccgggccag taaggagtac ccagttcat caagaagctg gcttgccact      120
ttcggcaacg cgaccggatt aagcttcaat gactttgtct gggtatttgt aagtgcgctt      180
aaccgctgct caataatctt cattttcccc gcgacatcgt tgagctgctg ccgggttttg      240
ctggcattaa tatcgggttc cacaccttca actgaagaag taatccggtt ctgatatagc      300
tggcgatcgg tcgcgataat ggcgntctgc tctttttcta tttgctgcaa gaccgtgg      358
```

<210> 2769

<211> 226

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> similar to gi147324 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2769
 agctctggtg acaccctggc gcgtattccg caggaatccg gcggtaccaa ggacatcacc 60
 ggtggtctgc cgcgcgttgc ggacctgttc gaagcacgctc gtccgaaaga gccggcaatc 120
 ctggctgaaa tcagcgggat cgtttccttc ggtaaagaac ccaaaggtaa acgtgggttg 180
 gttatcaccc cggtagacgg tagcgatccc cgggtaccga catcaa 226

<210> 2770
 <211> 349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> similar to gi41216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2770
 ggccggaacc aaatcgatgg caatgtgttg atagatacct ccattttcgc cagccacgat 60
 aaagcccccg gctggccatg gaatgacatg acacaatgct ttagcgctcc gcctgccgcc 120
 gccatagatg accgcaactg tttctccgtc tcgctctaca gagccccaaa gcctgggtgat 180
 atggctttta tacgcgtggc atcttattac cccgttacga tgttcagcca ggtacgcacc 240
 ctcccccggt gttctgccga agcgcaatac tgcgaaactgg atgtgggtgcc aggcgacctg 300
 aaccgcttta cgctgacggg atgcctgccca caacgttctg agccgctcg 349

<210> 2771
 <211> 468
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(437)
 <223> similar to gi304912 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2771
cctgctggca atcaatcccc ataagcgtca caatcgcgtg atcacgccgc atcctggcga      60
ggccgcacgg ttgttaggct gttccgtcgc tgaaattgaa agtgaccgct tacattgcgc      120
caaacgtctg gtacaacgtt atggcggcgt agcgggtgctg aaaggtgccg gaaccgtggt      180
cgccgcccat cctgacgctt taggcattat tgatgccgga aatgcaggca tggcgagcgg      240
cggcattggc gatgtgctct ctggtattat tggcgcattg cttgggcaaa aactgtcgcc      300
gtatgatgca gcctgtgcag gctgtgtcgc gcacgggtgcg gtagctgacg tactggcggc      360
gcgttttgga acgctcggga tgctggcaac cgaactcttt tctacgtac agcgtatttg      420
taacccgga gtgcctgttg atcctcttgc gtatacagtc attccccg      468

```

<210> 2772

<211> 236

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(239)

<223> similar to gi43312 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2772
tggatatcgg cattggcgaa gaaaaccgta agcgtctggct gcgtaccggt aaatgctctt      60
tcctgccgga agagcgcgaa tggatggaca ggctgatgag ctgggggttg gtcgatacct      120
tccgccatgc gaatccgcaa acagcagatc gtttctcatg gtttgattac cgctcaaaag      180
gttttgacga taaccgtggt ttgcgcacgc acctgctgct cgccagccac ccctg      236

```

<210> 2773

<211> 422

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(425)

<223> similar to gi1789585 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2773
tcagacataa agggattaaa accctgagaa cgttcggggc ggccgggtta atgttattca      60
atgcgctggt cggcaaaccg gaatttcgca aacatgcgcc gctgctggtg cgccagctct      120

```

ataatgtcgg	cgctcctgtcg	atgctgatta	ttgtggtttc	tggcgtgttc	atcggaatgg	180
tggtggggct	gcaaggttat	ctggttctga	ccacttatag	tgcggaaacc	agtctgggta	240
tgctggtggc	gttatcgcta	ctgcgtgaac	tggggccggg	ggttgccgcg	ttgttgtttg	300
ccgggcgtgc	tggttcggcg	ctaaccgcag	aaatcggctt	gatgcgcgct	acagagcatc	360
tctccagtat	ggagatgatg	gcggtggatc	cgctgcgtcg	ggttttttct	ccccgcttct	420
gg						422

<210> 2774
 <211> 253
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (19)...(248)
 <223> similar to gi4062338 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2774						
tggcggcctt	cctgagagaa	tattgccgag	gagtacgcga	ctaaacgcta	tcgttctaac	60
gtcatcaact	gggggatgtt	accgctgcaa	atggcgggaag	taccaacctt	tgaagtgggg	120
gattacattt	acatccctgg	cattaaagcg	gcgctggata	atccgggtac	gacgtttaaa	180
ggttatgtga	tccatgaaga	tgcgccggta	acggaatta	cgctctatat	ggaagtcag	240
gaagccagaa	cag					253

<210> 2775
 <211> 439
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4)...(440)
 <223> similar to gi450382 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2775						
gacgacgctg	cgcaggtcgc	gcaagtgtgt	cagcgactgt	tagctgaaac	ggagcgactg	60
gacgcgctgg	tcaatgcggc	gggaatttta	cgcattggcg	cgaccgatca	gctcagtaaa	120
gaggactggc	agcagacttt	tgcggttaac	gtcggcgggtg	cgtttaacct	gttccagcaa	180
accatgaacc	agtttcgcgc	tcagcggggc	ggggcgattg	tactgtggc	gtccgacgcc	240
gcgcacacgc	cgcgtattgg	catgagtgt	tatggcgcgt	cgaaagcggc	gctgaaaagc	300
ctggcggtga	gcgtcgggct	ggaactggcg	ggtagcggcg	tgcgctgtaa	tgtggtttcg	360

cctggctcca cgcacaccga tatgcaacgc acgctgtggg tgagcgatga cgccgaagaa 420
cagcgatttc gcggctttg 439

<210> 2776
<211> 174
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(176)
<223> similar to gi882545 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2776
gcgctatatc aaagaactgg cgacccatca cgtcggcggg tatctgaaga ttgccccgga 60
acataccgaa gaagggccgt tatcgaagat gatgaagccg ggcattgggca gctatgaccg 120
ctttaaagac ctgttcgata cttgctcaaa ccaggcaggt aaagcgcagt atct 174

<210> 2777
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(330)
<223> similar to gil203799 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2777
gacaaaaagt ggaagagtat tatgcgcagc acctgagtat ctgcaaaaat atccgcagcc 60
acaatcccta caggaattaa gtcgtcatga ctgtctgggtg accaaagagc gcgatatgac 120
ccatggaata tgggagttgg ggaacgggtca ggagaaaaaa tcggtgaagg taagcgggca 180
tctttcctcc aatagcggag agattgtgct gcaatgggag ctggagggca aagggtattat 240
gctgcgttcc gagtgggatg tgttgccgtt tctggagagt ggcaaactgg tgcaagtatt 300
gccagagtat gcacaaagcg ccaatatctg t 331

<210> 2778

<211> 337
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(326)
<223> similar to gil46715 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2778
ccgcgcgatg ccgactgggt cgattactcc acggttaccg ccctaaaaat gacagcatta 60
cgaatggcgt ggaaaggttt cgcgcaacgt gatgatgagc agatggccgc gtttcgccag 120
tttgttgcag agcagggcga cagcctgttt tggcaggcag cctttgatgc gctacatgcc 180
cagcaagtga aagaggacga aatgcgctgg ggctggcctg catggccaga gatgtatcag 240
aacgtggatt caccagaagt gcgtcagttc tgcgaagaac atcgtgatga cgtcgatttt 300
tatctctggg tgcagtggct ggcttcacg ccagttt 337

<210> 2779
<211> 245
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(224)
<223> similar to gil651603 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2779
gcggtgctaa cttcggctat gacaacctgg ttgtcgatat gctgggcttc agcattatga 60
agaaagtgtc tggtaactcg ccggtgattt tcgacgtgac ccacgcactg caatgccgcg 120
atccgtttgg cgcagcttcc ggtggtcgtc gtgctcaggt ggctgagctg gctcgacctg 180
gtatggcgta taggtcggtc gcgccagttt attccgcgca tcggatgtcg ggtcggacga 240
tgaat 245

<210> 2780
<211> 362
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (3)...(365)

<223> similar to gil45474 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 2780
aacgtgcgcg ttttaaactg ccagcgtggc cgaccaccac gattggttcc ttcccgcaaa    60
ccacggaaat tcgtaccctg cgtctggatt tcaaaaaggg caatctcgac gccacaact    120
accgcacggg cattgcggaa catatcaagc aggccattgt tgagcaggaa cgtttgggac    180
tggatgtgct ggtacatggc gaggccgagc gtaatgacat ggtggaatac tttggcgagc    240
acctcgacgg atttgtcttt acgcaaaacg gttgggtaca gagctacggg ttccgctgcg    300
tgaagccacc gattgtcatt ggtgacatta accgcccggc accgattacc gtggagtggg    360
cg                                                                362
```

<210> 2781

<211> 495

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(497)

<223> similar to gil790450 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 2781
ggaagatgtg attcttaatc gtcgcgacga tggcaccgag cgtttactgg agcttgccga    60
gaaatatcgc ggcagcaaaa ccgacgacac cgccaacgcc cagcaggcgg agtggcgctc    120
gtgggaagtg aataaacgtc tggaatactc gctgggtcaa ggcattaccg agtttatcga    180
gcaggatacc gaagaagccc gccagcaggc tacgcgcccg attgaagtga ttgaaggccc    240
gttgatggac ggcataaatg tggtcggcga cctgtttggc gaagggaaaa tgttcctgcc    300
acaggtggtc aaatcggcgc gcgtcatgaa acaggcgggt gcctacctcg aaccgtttat    360
tgaagccagc aaagagcagg gcaaaaccaa cggcaagatg gtgatcgccc ccgtgaaggg    420
cgacgtccac gacatcggtg aaaatatcgt tgggtgtggtg ctgcaatgta acaactccga    480
aattgtcgat atcgg                                                                495
```

<210> 2782

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(301)

<223> similar to gil786574 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2782
gaaagcccat tacgctggtc aatctggcaa cccataccag cgccctgccc cgtgaacagc      60
ccggtggcgc ggcacatcgt ccggtgtttg tctggccaac gcgcgagcaa cgctggaaat      120
acctttctac ggcaagctg aaagccgcgc caggcagtca ggcggtgtac tctaaccttg      180
cgttcgacct gctggcagat gcaactggcga atgcgtccgg caagccttat acccagttgt      240
ttgaagagca gattaccctg ccattgggga tgaaagacac cacctacacc ccctcacc      298

```

```

<210> 2783
<211> 467
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(468)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (35)...(469)
<223> similar to gil47160 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2783
tcacttcatt acgcattnnn nattgtaccc ggagatcact ctggcgaacg aattcctgcc      60
cgggtgccggg ttggatatgt tgcagctggc gaccgtcgat atctcgaaat atcagagcac      120
tacggaagcg gtacaaagca gttcccacgg cattatggggc acgattttgt cgctgggtgcc      180
gacgaacatt gtggcgctga tggcgaaagg cgaaatgctg ccgatcatct ttttctcggt      240
gctgttttgg ctggggcctt cttccctgcc cgcgacgcat cgtgaaccgc tggtgaccgt      300
gttccgctcc atctctgaaa ccatgtttta agtgactcac atggtgatgc gttatgcacc      360
ggtgggtgtg tttgcgctga ttgcggtgac ggtggctaac tttggtttct cgtctctgtg      420
gccactggcg aaactggtgc tgctggtgca tttcgccatt ctgttct      467

```

```

<210> 2784
<211> 447
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```


<222> (80)...(446)

<223> similar to gi1789525 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2784

```
acgagattca ctgtccgtac gccgtacatc ggccatactg ctaaaacccg ggtgctaccc 60
atcttaatca gtcttgccgc taagttccgc gctcaataac ttccttgaac cgttactgcg 120
caaagagaat ctgcggatca tcctgaccgg agccggaacg tcggcattta tcggtgacat 180
catcgcgccg tggctcgcca gccataccgg taaaaacttc agcgccgtac cgaccaccga 240
tctggtcacc aatccgatgg actacctgaa cccagctcat ccgctgctgt tgatctcctt 300
cggtcgatcc ggcaacagcc cggaaagcgt cgcagccgtg gaactggcaa atcaatttgt 360
accggaatgc tatcacctgc cgatcacctg caacgaagcg ggcgctcttt accaaaacgc 420
gatcaacagc gataacgcgt ttggccg 447
```

<210> 2785

<211> 307

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(310)

<223> similar to gi145300 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2785

```
ataaacacgg cctgaaactg tatgttcagc gtgtgttcat catggacgac gcagaacagt 60
tcatgccgaa ctatctgcgc ttcgtgctg gtctgattga ctccagcgat ctgccgctga 120
acgtttcccg tgaaatcctc caggacagca cggtaacgcg taacctgcgc aatgcgctga 180
ccaagcgtgt gctgcaaatt ctggaaaaac tggcgaaaga cgacgcggaa aaataccaga 240
ccttctggca acagtttggc ctggtactga aagaaggtcc ggcggaagat ttcgctaacc 300
aggaagc 307
```

<210> 2786

<211> 454

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(455)

<223> similar to gi41638 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2786
attgccgagc gtgctggcgg tttatttggc aaaaagggtgc tcgatgtcgg ttgtggcggc 60
ggcattctgg ccgagagtat ggcgcgcgaa ggccgcgacgg tgaccggtct ggatatgggc 120
tttgagccat tgcagggtggc aaaactgcac gcactggaaa gcggcattca ggtggattac 180
gtgcaggaaa ccgtggaaga gcacgcggca aaacatgccg ggcagtatga tgtggtgacc 240
tgcattggaga tgcctggagca cgtccccgat ccgcagtcag tggtcagagc ctgtgcgcaa 300
ctggtgaaac caggcggcga tgtctttttc tcgacactta accgcaacgg caagtcattg 360
ctgatggcgg tggttgggtgc ggaatatatt ttgcgcattg tgcccaaagg cacgcatgat 420
gtgaagaagt ttattaaacc ggcagaattg ctgg 454

```

<210> 2787

<211> 201

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(203)

<223> similar to gi41037 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2787
gaaggcgtgg ctggataccc tgctgcgcgg atatgtccaa tttgaggttt atcagggcgt 60
ggttgaaaac ctggccagcg agcaggccgc ccgatgggtg gcgatgaaag ccgcgaccga 120
caatggcggc agcctgatta aagagctgca gttggtatac aacaaagctc gtcaggccag 180
cattactcag gaactcacgg a 201

```

<210> 2788

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(426)

<223> similar to gi1773185 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2788

gaggatgggg	accacgggga	cgatcagtta	tcgcattaaa	cttctggaaa	agaataccgg	60
agtagcgctg	tttttccgta	cgactcgag	cgtgacgttg	acagcggctg	gcgagcatct	120
actttcccag	gccagagact	ggctgagctg	gctggaaagt	atgccaagcg	agctgcaaca	180
ggtgaatgat	ggcgtggaac	gccaggtgaa	tattgtcatc	aacaacctgc	tctacaaccc	240
ccaggccgtc	gcccagttgc	tggcgtggct	gaatgagcgt	tacctcttta	cccagtttca	300
catctcccga	caaatctata	tgggcgtctg	ggactcgcta	ttgtacgaag	gtttttcgct	360
ggctatcggc	gtcacgggaa	ctgagggcgt	ggcaaatacc	tttagtcttg	atcctctaga	420
gtcg						424

<210> 2789

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(717)

<223> similar to gil736452 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2789

aaactatcag	gtttcttcgc	aacgctttcc	ttttaccatt	aacgttaatg	gtccgggggc	60
tacggcgctg	gcatggcact	atcttccaac	acaattaccg	ctggcggtgc	tgctaagttt	120
actggtgggc	tacatcgctt	ggctggcgac	cgcttaccga	atgagctttt	cccgcgaaat	180
caatctgggc	ctggcgcaac	atgagttcga	attgttctgt	cagcctttgc	ttaatgcgcg	240
cagccagcaa	tgtattggtg	tagagatttt	gctgcgctgg	aacaatccgc	gtcaggggctg	300
gatttcaccg	gatgtgttta	ttcctatcgc	ggaagaacat	catttaattg	tgccactgac	360
ccgctatgtg	atggcagaaa	ccattcgtca	gcgccatgtt	ttcccgatga	gtagtcagtt	420
tcatgttggc	attaacgtcg	cacccagcca	ttttcgccgt	ggtgtgctga	taaaagatct	480
caatcagtac	tggtttagcg	ctcaccgat	tcagcaactg	atcctcgaaa	tcaccgaacg	540
cgatgcctta	ctggatgttg	attatcgcat	tgcccgcgag	ctgcatcgta	aaaacgtcaa	600
actggcgatt	gatgacttcg	gcaccggcaa	cagctcgttt	tcttggttg	aaacattacg	660
tcttgacgtg	ctgaaaattg	ataagtcatt	taccgcagct	ataggttctg	acgcg	715

<210> 2790

<211> 304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(294)

<223> similar to gi4062338 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2790
gctgcaaact gaaattggca gcatggtcta tgcggtgaaa ccaggcgatg gttctgcgcg      60
tgaacaggcg gcgagctgcc agcgtgtgat tggcgtctcg gcgaatattg ccgaggagta      120
cgcgactaaa cgctatcgtt ctaacgcat caactggggg atgttaccgc tgcaaatggc      180
ggaagtacca acctttgaag tgggggatta catttacatc cttggcttta aagcggctaa      240
gtatagtccg ggcacggcgt ttacagtcta tgcgatctcc gggtagcgac ctcgaaatctg      300
ataa                                          304

```

```

<210> 2791
<211> 217
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (19)...(218)
<223> similar to gi216462 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2791
tcgagctctg gacccggaga tcagcaacac cgcttgcggg aagtgatgtt ttatctcaac      60
ttgtcggagc aggaaaaaga tgcgttttgt gaacgcttcg gcgttcgctt gctgacgtct      120
tatgggatga cggaaccat tgtgggcatt atcggcgatc gtccctggcga taaacgacgc      180
tgcccgtcga ttggtcgggt ggggttttgc tacgaag                                217

```

```

<210> 2792
<211> 530
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(531)
<223> similar to gi4902925 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2792
caatatatgc gtagcgaaga ggagatgtgt gagctgtttg ccgacatccc cgaagccctt      60
gccaacaccg ttgagatcgc caaacgctgt aacgtaaccg tgcgtcttgg tgaatacttc      120
ctgccgcagt tcccgaccgg ggacatgagc accgaagatt atctgggtcaa gcgtgcaaaa      180
gagggcctgg aagagcgtct ggccttttta ttccctgatg aggaagaacg tcttaagcgc      240

```

cgcccggaat	atgacgaacg	tctggagact	gaacttcagg	ttatcaacca	gatgggcttc	300
cggggtact	tcctcatcgt	tatggaattt	atccagtggt	cgaaagataa	cggcgtaccg	360
gtagggccag	gccgtggctc	cgggtgcggg	tactggtgg	cctacgcgct	gaaaatcacc	420
gacctcgatc	cgttggaatt	tgacctgctg	ttcgaacgtt	tccttaaccc	ggaacgtgtc	480
tccatgcctg	acttcgacgt	tgacttctgt	atggagaaac	gcgttcaggt		530

<210> 2793
 <211> 349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> similar to gil46824 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2793						
gttgggcatt	cagatgcgat	gattggcact	gccgtgtgca	atgcccgttg	ctgggagcag	60
ctacgggaaa	atgcctatct	gatgggccag	atggtcgatg	ccgataccgc	ctatataacc	120
agccgtggcc	tgcgcacatt	aggtgtgcgt	ttgcgtcaac	atcatgaaag	cagtctgaaa	180
gtggctgaat	ggctggcaga	acatccgcaa	gttgccgcag	ttaaccaccc	tgctctgcct	240
ggcagtaaa	gtcacgaatt	ctggaaacga	gactttacag	gcagcagcgg	gctattttcc	300
tttgtgctta	agaaaaaact	caataatgaa	gagctggcga	actatctgg		349

<210> 2794
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> similar to gil46119 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2794						
gggatggtgg	gtctgcaaac	cgcgcacgtg	tacggtaacg	caacgctgct	ggcgtctgac	60
atggtgtttg	gtatcggtaa	cgtttttgct	aaccgtcata	ccggctcggt	agagaaatac	120
accgaagggc	gcaaaatcgt	tcatattgat	attgagccga	cgcaaattgg	tcgcgtgctg	180
tgtccggatc	tcggtattgt	ctctgatgct	aaagcggcgc	tgacactgct	ggttgaagtg	240
gcgcaggaga	tgcaaaaagc	gggtcgtctg	ccgtgtcgta	agaatgggt	cgccgactgc	300
cagcagcgta	aacgcacttt	gctgcgcaaa	acccacttcg	acaacgtg		348

<210> 2795
 <211> 560
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(532)
 <223> similar to gi1805568 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2795
 gcagactgtt ctgccaacca cgacgctgcg cgaagtgaag gaactgaccg agcgtaacgg 60
 ttttgcgggc tatccggctg ttaccgaaga aaacgaactg gtgggtatta tcaccggctg 120
 tgacgtgctg tttgttaccg acctgaacca gccgggttagc gtttacatga cgccgaaaga 180
 gcgtctggtc accgtgctg aaggtgaagc ccgtgaagtg gtgctggcaa aaatgcacga 240
 aaaacgcgtt gaaaaagcgc tgggtggtga tgacgaattc cacctgatcg gcatgatcac 300
 cgtgaaagac ttccagaaag cggaaacgtaa accgaacgcc tgtaaagacg agcaaggccg 360
 tctgcgtgtt ggtgcagcgg ttggcgcagg tgcgggtaac gaagagcgtg ttgacgcgct 420
 gggtgccgca ggcgttgacg ttctgctgat cgactcctcc cacggtctct cacaagggtg 480
 tttgcatggt atccgtcagg gccgtgccag tcatcccgat gtacgggtac cgacaacgaa 540
 tcagtgggtca gtgctgacct 560

<210> 2796
 <211> 486
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(488)
 <223> similar to gi41645 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2796
 gggacaaacc agcgtgctgg aagccatcta tacgctcggc catggtcggg cgtttcgcag 60
 tttgcagatt ggtcgcgtca ttcccatga gcaggaggcg tttgttctcc acgggcgatt 120
 acagggcgaa gagcgcgaga cagcgattgg ctttaacaaa gacaaacagg gcgacagcaa 180
 agtccgcctc gacggtacag acgggcataa ggtcgcggaa ctggcgcacc tgatgccaat 240
 gcagttgata acgccagaag ggtttacttt actcaacggc ggccccaaat acagaagagc 300
 attcctcgac tggggatgct ttcacaacga acccggtatt ttcaccgctt ggagcaatct 360
 caagcgattg ctcaagcagc gcaatgcggc gctgcgccag gtgacacgtt acgaacagct 420

```

acgcccgtgg gataaagagc tgatcccgct ggcggagcaa atcagcacct ggcgcgcgga 480
gtatag 486

```

```

<210> 2797
<211> 254
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (6)...(257)
<223> similar to gi440403 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2797
tcgagatcga cacggctgac ggattgatta tggaggactg ctccattgcc ttgaaagcgg 60
aagatacgct ggcattactg cgtaaaagcc tggggtcgtt accggttgta ccattgagca 120
tggaaaaccc gattgaactg acgctgaccg aatgggttcg ctccggtagt gcggcacagg 180
gcttccagct gcttgatgaa gccgagctga aatcgttgct ggaagatggc ggcgtgatcc 240
gcgcgaagaa acaa 254

```

```

<210> 2798
<211> 358
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(361)
<223> similar to gi41934 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2798
atgctgccga tccagaagct gctgcctgtg tcttccgcag tggattgaa atcgtcatgt 60
gcggtttgga tgtcaccaat caggcaatat taactctga ctatctctct aactgccgc 120
agttaaaccg taccgggaaa atgcttcacg ccctgttttag ccactaccgt agcggcagta 180
tgcaaagcgg cttgcgaatg cagcatctct gcgccatgc ctggctgggtg cggccggacc 240
tgttcactct caaacctgt tttgtggcag tggaaactca gggcgaattt acctcaggca 300
cgactatggc tgatatcgac ggttgcttgg gcaagccagc caatgtacag gtggcatt 358

```

<210> 2799
 <211> 485
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(488)
 <223> similar to gil742453 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2799

ccccttataa	cgatgaactg	gcaatgggat	tgacgcagaa	aatcggttaag	aacggttattg	60
cgcggtgcaaa	ctatgtttac	cgtgaagcgc	atgatcaaat	cagcaaaaagc	agtcgtaccg	120
acagcgcgac	taaaaccacc	attactgaat	ataacaacga	tggcaaaaacc	aaaacgcatt	180
cgttcagcct	cagttttgaa	ctggccgaac	ccctgcata	ccgccaggta	gatatttacc	240
cacaaattgt	cttttagctat	atcaagagca	agggcaactt	gccgttaaag	aatgggttatg	300
aggagagcaa	taccggtgat	aaccaggtgg	tttataacgg	caatctggtc	tcttacgata	360
gcgctccagg	ggcagatttt	aataacccat	taaagatctc	cttaaacatg	gatttcacgc	420
atcaaccgag	cgggttagtg	tgggcgaata	cgctggcctg	gcaagaagcg	cgtaaagctc	480
gcatt						485

<210> 2800
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(345)
 <223> similar to gil789805 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2800

actctagagg	atctgctgat	ggcgcttagat	ggagagcaac	atcttcagca	acaggtatcg	60
gaaaaagtat	tagccgataa	tgtgttaatt	gcccctgggt	ctgttaaacc	tgatgcgaca	120
ttctggctcg	ccttaatcca	ggatcgctat	aacgtgatga	cctgtattga	aaaagacgcc	180
tgcgctcctgg	tcgagcaaga	tctgaatagt	gatggtcagg	cggagcggat	cctgtttgct	240
tttaatgatg	acagagtcac	tgtctatggc	tttgactcag	acagaaaaga	atgggacgcg	300
cttgatatga	gtttacttcc	gaacgaaata	acgaaagaaa	aatt		344

<210> 2801

<211> 408
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(411)
<223> similar to gil799797 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2801
atttctgtt agcgttcaaa accacatttt tgctcccgat tctttccgcc atttttgtca 60
tgctggcgat gtactacgtc atcacccctt ttgggtggctg gatcaacggc ggtatccgta 120
ctgtgctgac tgccgcaggt gagaagggcg cgctgatgta cgcaatgggg atcgccgcgg 180
cgacagcaat cgaccttggg ggcccgatca acaaagccgc aggttttggg gccttcagct 240
ttaccactga ccacgtatta ccggtcaccg ctggttttat cgtatcggtt attccgccga 300
ttgggtctggg gctggcgacc attatcgacc gtggtttaac cggcaaacgc ctgttcaacg 360
ctcaacttta tccgcagggt aagaccgcca tgttctggc gtttatgg 408

<210> 2802
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (68)...(410)
<223> similar to gi4902923 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2802
actgtccgta cccgtacatc gtcaagactg ggagcaccgc ggggatgcc aactcagtcg 60
gcttgctgaa cacatcaaag ctgaagtcgc gccagacctt tcagttcatt tgctggatgg 120
gatgggccgt gaggcgatgg tcgccagcga tgcggcgcta ctggcgctcg gtacggcagc 180
cctggagtgt atgctggcga aatgcccgat ggtgggtggga tatcgcatga agccttttac 240
cttctggttg gcgaagcggc tggtgaaaac tgattatgtc tcgctgcaa atctgctggc 300
gggcagagag ttagtcaaag aattattgca ggaagagtgt gagccgcaa aactggctgc 360
ggcgctgtta ccgctgttgg cgaacgggaa aaccagccac gcgatgcc 408

<210> 2803
<211> 379
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(382)
 <223> similar to gil736747 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2803
 ttcgcatcct cggcattggc ccgtgggaaa gacgcctgcg caccctcatc gaacaatatc 60
 aactggaaga tgtggtggag atgccgggct ttaaaccgag ccatgaagtg aaagcgatgc 120
 tcgacgacgc ggatgtcttc ctgttgccat cggttacagg tgcggatggt gatatggaag 180
 gtattccggt ggcgctaata gaagcgatgg cggtcggtat tccggtgggt tctactctgc 240
 atagtggaat accggaactg gtggaggctg acaaaccggt ctggctgggt cctgagaacg 300
 atgctcgcgc cctggcccaa cgactggcgg cgtttagcca attggacccc gacgaattgg 360
 ctctgttctt caagcgcgc 379

<210> 2804
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(341)
 <223> similar to gi42996 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2804
 ccggtcaatt gtggttgggc gtaagcgtga gcgtgtgcat gagctggcaa actggctgcg 60
 cgaagcgggc atcaacaact gctatctcga aggtgagatg gtacagggca agcgtaacga 120
 agcgatcaag cgtttgaccg aaggtcgcgt aaacgtactg gtcgcaaccg atgttgccgc 180
 gcgcggtatc gacattcctg acgtcagcca cgtctttaac ttcgatatgc cgcgcagtgg 240
 cgatacttat ttgcaccgta tcggacgtac cgcgcgcgcc ggtcgtaaag gcaccgcaat 300
 ttcgctgggtg gaagcccatg accatctgct ggtgggtaa 339

<210> 2805
 <211> 571
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(573)

<223> similar to gil651260 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2805
cgccctata gttgaaatta gcggggcgga cccgcgtttc gaaccactga acgcgacggc      60
aaatcaggat taccagcgcg acggtaaaag ctacaaaatc gtgcaggatc cgtctcgatt      120
tagccaggcg ggactggcgg caatctatga tgccgaaccc ggcagtaacc tgacggcctc      180
tggcgaagca ttcgatccga cacagctgac ggcagcccat ccaacgcttc cgatccccag      240
ctacgccaga atactaacc tggctaacgg gcgaatgac gtggtgcgca ttaatgatcg      300
cgcccttac ggcaacgacc gcgttatctc actttctcgc gcggcagctg accgtcttaa      360
cacgtcaaac aacaccaaag ttcgtatcga tccgattatt gttgcccagg atgggttcgct      420
ttctggtcct ggtatggctt gtaccacagt cgccaaacag acttacgcc tgcctgcacc      480
tcccgattha agcgggtggcg cgggaacaag ttcagtgtct ggcccgcagg gtgacattct      540
tccggtcagt aattcgacgc taaaaagcga a                                     571

```

<210> 2806

<211> 336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(339)

<223> similar to gi4062802 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2806
cctgtggtag tgctgtcgag tatagcctat gttgccacct ttatgtgtct ggtgaaaagg      60
ttgcacctga tccagaacat ctcatgcgtt cgcgttactg cgcttttggt atgcaagacg      120
cagattatth aataaagacc tggcatccct cttgtggagc agcggcggtta cgtgccgaat      180
tgatggccgg atttgcgcac actgaatggt tgggattgac cgtatttgaa cattgttggc      240
aggacgccga caatatcgga tttgtcagtt ttgttgctcg atttaccgaa ggtggtaaaa      300
caggtgcaat aattgaacgt tcgcgatttt tgaaaag                                     336

```

<210> 2807

<211> 530

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(532)

<223> similar to gil786484 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 2807
tgccggtcac cgatttgccg gtggaatgct cgacacctgg aacttgcaagt ccttagggcc 60
gatgaccgcc atttcagcag ggaagattta cggcctttcc tggggaaacc aggccagctc 120
caccatcttc gacagcagcc agtcagccac gccagtgatc gcctttttac cggcggcggg 180
cgaagtacat ctcacccgtg atgggcccgt actaagcgtt cagaacttca ctatgggcaa 240
tcatgaagtg gatacccggg gtctaccgta cgggatttac gatgtggaag ttgaggtgat 300
cgtaaacggt cgcgtgatca gcaaacgcac ccagcgggtc aataagctgt ttagccgggg 360
gcgcggcgct ggtgcaccac tggcgtggca ggtatggggc ggtagctttc atatggatcg 420
ctggtcggaa aacgggaaaa agacgcgacc agctaaagag agttggctag caggtgcctc 480
gacctccggc tcattgagta cgcttagctg ggcggcaacg ggatatggat 530
```

<210> 2808

<211> 355

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (242)...(330)

<223> similar to gi2588974 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 2808
aaagacaaaa ctgcagcctt gagttcaggt agttatgtaa aatgtgatga gacgcaggag 60
tgatgtaatt actccagtgt gaatgcattt ccctctctgc ggttttactg ggtcaagtgc 120
accgctgcat taattaaaca aatgcgtaat taattacagc aaatccacaa caacaacaaa 180
atagtccttt gcccaggccc catgtttcag ttctaaaata agacgttctc tgttgaatta 240
ggtggaaacg gccacagatt ctgacacgga gagccgcggt ctgcgggaat accactctgt 300
cggggtgcaa gtggaagatg agaagcggt actcagcccc tcctgacact gtgtg 355
```

<210> 2809

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (26)...(725)

<223> similar to gi42431 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2809
tacgaactct aggtccgtac ccggagatct ggctctgaag gggctacgtg ttttgctcgt      60
ggaaggtaac gacccccagg gaacagcctc aatgtatcac ggatgggtac cagatcttca      120
tattcatgca gaagacactc tctgccttt ctatcttggg gaaaaggacg atgtcactta      180
tgcaataaag ccacttgct ggccggggct tgacattatt ccttcctgtc tggctctgca      240
ccgtattgaa actgagttaa tgggcaaatt tgatgaaggt aaactgcca ccgatccaca      300
cctgatgctc cgactggcca ttgaaactgt tgctcatgac tatgatgtca tagttattga      360
cagcgcgcct aacctgggta tcggcacgat taatgtcgta tgtgctgctg atgtgctgat      420
tgttcccacg cctgctgagt tgtttgacta cacctccgca ctgcagtttt tcgatatgct      480
tcgtgatctg ctcaagaacg ttgatcttaa agggttcgag cctgatgtac gtattttgct      540
taccaaatac agcaatagta atggctctca gtccccgtgg atggaggagc aaattcggga      600
tgcttgggga agcatggttc taaaaaatgt tgtacgtgaa acggatgaag ttggtaaagg      660
tcagatccgg atgagaactg tttttgaaca ggccattgat caacgctctt caactgggtgc      720
ctg                                                                    723

```

```

<210> 2810
<211> 744
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (344)...(737)
<223> similar to gi3287191 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2810
tttaaaacaa ttacagagaa aactttatth tgggccattt aggaggttta gatcattttg      60
atcatcttca gctgtcttct cttcacatac aggaaaggcc ttggaaagca gtcgttgccg      120
cagacagccc agggaagagc ggcagcctga ggacctaggg ccacctgctg ttccttgga      180
ttcatgtcct tctggggagg agggaggacc caggacaatg gctgctgttc atgatctgga      240
gatggagagc atgaatctga atatggggag agagatgaaa gaagagctgg aggaagagga      300
gaaaatgaga gaggatgggg gaggtaaaga tcgggccaag agtaaaaagg tccacaggat      360
tgtctcaaaa tggatgctgc ccgaaaagtc ccgaggaaca tacttggaaga gagctaactg      420
cttcccgcct ccggtgttca tcatctccat cagcctggcc gagctggcag tgtttattta      480
ctatgctgtg tgggaagcctc agaaacagtg gatcacgttg gacacaggca tcttgagag      540
tccctttatc tacagtctcg agaagaggga ggaagcctgg aggtttatct catacatgct      600
ggtacatgct ggagtccagc acatcttggg gaatctttgt atgcagcttg ttttgggtat      660
tcccttgga atggtccaca aaggcctccg tgtggggctg gtgtacctgg caggagtgat      720
tgcagggtcc cttgccagct tcat                                                                    744

```

```

<210> 2811
<211> 630

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (65)...(623)
<223> similar to gi5305333 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2811
agagtcaaag agcagatgca ggaagatgcc aggtgaaaga tgccgggggtg gccagctcg 60
gctgtccctg ctgcttgacc tgcccactcg cctcttccc ccccccgac aggtgattga 120
cttcggatcc gccagcattt tcagcgaggt gcgctacgtg aaggagccat acatccagtc 180
gcgcttctac cgggcccctg agatcctgct ggggctgccc ttctgcgaga aggtggacgt 240
gtgggtccctg ggctgcgtca tggatgagct gcacctgggc tggcctctct accccggcaa 300
caacgagtag gaccaggtgc gctacatctg cgaaacccag ggccctgccc agccacacct 360
gttgacagcc gctgcaagg cccaccactt cttcaagcgc aacccccacc ctgacgctgc 420
caacccttg cagctcaagt cctcggtgta ctacctggcc gagacgaagg tgcgccatt 480
ggagcgccgc aagtatatgc tcaagtcgtt ggaccagatt gagacagtga atggtggcag 540
tgtggccagt cggctaacct tccctgaccg ggaggcgctg gcggagcacg ccgacctcaa 600
gagcatggtg gagctgataa gcgctgtctc 630

<210> 2812
<211> 849
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (286)...(607)
<223> similar to gi469478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2812
tgtgtctttt gttgggatac tccacagcgg ccgctgcaga gtgaaggcgc tgcagcgctg 60
gtcaccaagg ggtgccagcg attggcagcc cagggcgcac ggccctgagg ccccaaacgg 120
aaatgggccc aggatggttg ggatgcccct tcaccagca aacggccctg ggccaggcaa 180
gagaaccagg aggcagagcg ggagggtggc atgagctgca gctgcagcag tggcagtggt 240
gaggccagtg ctgggctgat ggaggaggcg ctgcccctctg cggccgagcg cctggcccctg 300
gactatatcg tgccctgcat gcggtactac ggcactctcg tcaaggacag cttcctgggg 360
gcagcactgg gcggtcgcgt gctggccgag gtggaggccc tcaaacgggg tgggcgcctg 420
cgagacgggc agctagttag ccagagggcg atcccgcgc gcagcatccg tggggaccag 480
attgcctggg tgggaaggcca tgaaccaggc tgtcgaagca ttggtgccct catggcccat 540
gtggacgcgc tcatccgcca ctgcgcaggg cggctgggca gctatgtcat caacgggcgc 600
accaaggtaa ggctaggttg gggcctcttt ggaggggctt tgcagcacc tggtttgag 660
cattcagtg cctgagcaca gtgggttttg agacaggctt ctgggaggtc acagaaggtt 720
taagcagttc agtggagtgg gtatgcttac ttgtggggac ttgggggggt ctttatoctc 780

```
cctacggggcc ttaatgtgtg cacctgataa gctaggagtt tgtcctggag ccaacgagat 840
cgtcgaacc 849
```

```
<210> 2813
<211> 916
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (38)...(762)
<223> similar to gi467292 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2813
ggttcgacga tttcgtcctg gaaaaactgt ggggtggtgaa cagagagaac agcatccatc 60
atctggagaa aaactaaaat acaaccagca aggggaagta caacaacttc accagaattt 120
gcaccggctc cagattctat gcaactcagc tgaaaatgag cttcgatatg aacgagggca 180
gaacttggac tttaaagcaac ataatagctt acttcaggaa gaaaacatta agataaagat 240
tgaactaaag catgccccaa agaagttatt agacagcaca aagatgtgct cttcactcac 300
ggcagagtac aagcactgtc agcagaaaat caaggaactg gagttggaag tacttaaaca 360
cactcagagc attaaatcac agaacaacct acagggaag ctgggttcagg agaaatctaa 420
agttgctgat gcagaggaaa agattttggg cctgcagcgg aaattagaac atgctcataa 480
agtctgtctc acagacactt gtattttcaga gaagcagcag ctagaggaaa agataaaaaga 540
agcaacacaa aatgaagcta aagtaaagca acaatatcaa gaagaacaac agaagaggaa 600
acttctatat cagaacgtag atgagttaca caggcaagtg agaaccctac aagataaaga 660
aaatctactg gaaatgacct gttctcagca acaatccaga attcagcaac aagaggccct 720
acttaacaa ctggaaaatg aaaaaagaaa atatgatgag gtaagaaagt aaatagacat 780
gcttctcagt tttcctattc ccattagtaa cagctaatta ttattgagtg cctagcactt 840
tactaaacct aatcctttag tcagggttca gtcaggaaa tagaatctac tctaggtatt 900
tcaagcaaga agagaa 916
```

```
<210> 2814
<211> 385
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (215)...(387)
<223> similar to gi804996 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 2814
caacagtcta aagctaaaac tcttttagtag atataagcaa agagaaaaaa gggccagaat    60
ggataggaag ggactcccaa aatctgagca taccaccccc ttaaggataa atgttgctag    120
acaccataa ttgaggttag aaagaggaaa gaaggaaaag ttagtgggct atagagggga    180
aggatgtgat gtgagcagat gggctctcact cattctgctc tgtgcagagt acctgaacta    240
tgaggatggg aaattctcta acagccgcgg tgtgggagtg tctgaggaca tggccacga    300
cacggggatg cctgctgaca tctggcgctt ctatctgctg tacattcggc ctgagggcca    360
ggacagtgtt ttctcctgga cggac                                     385

```

<210> 2815

<211> 1362

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (24)...(1362)

<223> similar to gi2094864 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2815
cggacgcgtg ggcggacgcg tgggttccag aagtgcctgc tgttatccag gtgtgccttg    60
aaggggagat ttctcgccag tccatcttga acagtctgtc tcgaggcaag aaggcttcag    120
gggacctgat tccatggaca gtgtcagaac agttccaaga tccagacttt ggtggctctgt    180
ctgggtggaag ggtcgttcgc attgctgttc acccagatta tcaagggatg ggctatggca    240
gccgtgctct gcagctgctg cagatgtact atgaaggcag gtttccttgt ctggaggaaa    300
aggtccttga gacaccacag gaaattcaca ccgtaagcag cgaggctgtc agcttgcttg    360
aagaggtcat cactccccgg aaggacctgc ctcccttact cctcaaattg aatgagaggc    420
ctgccgaacg cctggattac ctgggtgttt cctatggctt gacccccagg ctccctcaagt    480
tctggaaacg agctggattt gttcctgttt atctgagaca gaccccgaaat gacctgaccg    540
gagagcactc gtgcatcatg ctgaagacgc tcaactgatga ggatgaggct gaccagggag    600
gctggcttgc agccttcttg aaagatttcc gacggcggtt cctagccttg ctctcctacc    660
aggtcagtag cttctctcct tccctggctc tgaacatcat tcacaacagg aacatgggga    720
agccagccca gctgcccctg agccgggagg agctggaagc actcttcctc ccctatgacc    780
tgaagcggct ggagatgtat tcacggaata tgggtgacta tcacctcatc atggacatga    840
tcccggccat ctctcgcatc tatttcctga accagctggg ggacctggcc ctgtctgcgg    900
ctcagtcggc tcttctcttg gggattggcc tgcagcataa gtctgtggac cagctggaaa    960
aggagattga gctgccctcg ggccagttga tgggactttt caaccggatc atccgcaaag   1020
ttgtgaagct atttaatgaa gttcaggaaa aggccattga ggagcagatg gtggcagcga   1080
aggatgtggt catggagccc acgatgaaga ccctcagtga cgacctagat gaagcagcaa   1140
aggaatttca ggagaaacac aagaaggaag tagggaagct gaagagcatg gacctctctg   1200
aatacataat ccgtggggac gatgaagagt ggaatgaagt tttgaacaaa gctggggccga   1260
acgcctcgat catcagcctg aaaagtgaca agaaaaggaa gttagaggcc aaacaagaac   1320
ccaaacagag caagaagttg aagaacagag agacaaagaa ca                                     1362

```

<210> 2816

<211> 624
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (325)...(607)
 <223> similar to gi4589582 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2816

ttttgccact	taaaaatttc	tcaaatttct	tctttccacg	taattgtgac	ataggtatta	60
tttgtgttat	atcccagatg	gctcactagg	gctactaatg	tttagagttt	gatttgtgtc	120
tttagcagta	aacattttta	aagaaaacttt	tagcagtttt	ttagggtaat	tacatgtcct	180
cctttcaagg	gtccagatta	tagactctac	aagagtgaac	cagagttaac	aacagtggca	240
gaagttgatg	aatctaattg	agaagaaaaa	tcagaacctg	tttcagagat	agaaacttca	300
gttgttaaag	gttcccactt	tcctgttgga	gtagtccctc	caagagcaaa	atcaccaaca	360
cccgaatctt	cgacaatagc	ttcctatgta	accttgagga	aaactaagaa	gatgatggat	420
ctaagaacgg	aaagaccaag	aagtgcagtg	gaacagctct	gtttggctga	aagtactcga	480
ccaaggatga	ctgtggaaga	gcaaattgga	agaataagaa	gacatcaaca	agcgtgcctg	540
agggagaaga	aaaaagggtt	aatgtttatc	ggtgcttcag	accagtcacc	cttacaaagc	600
ccttcaaatt	taagggataa	tccg				624

<210> 2817
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (337)...(1)
 <223> similar to gi2323287 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2817

cgcagggttt	aacaaggccc	tgcatectta	ggttattaat	gatggcttct	agttgtttcc	60
tagcttctgg	ttttagggga	tattgtcttt	aattagggaa	ggagatgaga	ttcctgagat	120
ggatttggac	tggtgagact	gttgtagctc	agccagtatt	ttcctgaatt	gcccaaacat	180
ctggattaat	atcagtctcc	accagaggga	ggcaaagagt	ctgtcctgga	gccataagga	240
tgggtggttc	catgtgagct	aaaatatccc	tacctcagag	gagtcgggct	ttcaggtatg	300
attaaaaagg	cataggtaaa	cgaaaggctc	ccctagg			337

<210> 2818

<211> 1165
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (31)...(924)
 <223> similar to gi567232 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2818

aactggaaga	gcaggtgaag	aggctccttg	ggtgggcacc	cctggcgctcc	tcccatgagg	60
gcagcctcac	aggggtgtct	gcctgtgagt	tttgttacag	ggcctcacca	agagagggcc	120
tatggaggcc	gaggaccagg	gggagctttt	cctgcacctc	cggtcagtgg	cacgtgcccc	180
ccagacctta	tctatgcacc	gactccagag	aaagctgaag	gaggcagcca	gaaaaatcat	240
cagcctccgc	ctggagaaag	agcagctcat	cgagatgggg	aacaggctcc	gtgcagagct	300
gggccgaccc	gaaaggtggc	tggtgcacca	cgccctccct	cctgcccctg	aggcccggaa	360
gccaggcgag	gagcccagga	ggcctttgga	tgcagccca	cctttgggac	aggtgcagcc	420
ccattttaca	tctcaggacg	ccaagagtgc	cgaggatgag	gctccttcca	gacacttggg	480
aaagcaccag	ccccgctcag	cacaggtggg	cagcagactt	gacgccctgc	aaggcccga	540
gacacaacac	agcatccaca	cggtgacctg	taaatcacct	cggcagaaag	aagacaggtc	600
cccaaagcca	ccccaggctc	ccaagcacc	tgaggagcat	ggtcgccaat	cccacagctc	660
ctcctccttt	gccagtggca	ccctccagga	catgtggagg	ttgctagacc	tgggatccag	720
cccttctggt	gtcacctccc	aggggtgactc	aactccagag	ctcccagctc	ctccagcagc	780
cgacaggagg	cccgtaaga	tgcaggcagg	cattgccacc	ccagggatga	agacagcagc	840
ccaggcaaa	gccaagacca	caggagcctc	ccggtctcat	cctgcaaaa	ctaaaggctg	900
ccaggggccc	cccaagatcc	gtaaactaaa	cattatggac	tgacttcctc	ccccaccccc	960
gcccactaa	ggggtgctcg	gggcctccgc	atggtgcctg	tgctttcacc	tacatgttgt	1020
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tgctgctgag	gcgaccctgc	tgactgaagg	cctccctgag	cacaggggcc	attaaaacca	1140
ggttcctccc	tggggaaaaa	aaaaa				1165

<210> 2819
 <211> 5176
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5177)...(1858)
 <223> similar to gi5689369 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2819

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gaccccttaa	aacggccccc	cctttttttt	ttttttattc	cagagaagtt	tgtatttggg	180

cettaagctt	ttgaaaataa	agtttagaga	catagcatat	gaataccact	gtaatacaca	240
tgaaatattc	tatcagaccc	taaaaattaa	cataaacttt	taactttctc	atagtcaaca	300
aaatagtggc	tggttgccaa	ttttattaga	taagttgggt	acagcathtt	aattatcatt	360
ttacgtctat	ctaggtgtag	ctgaaattca	aaatgcacat	caaagtaaaa	ctatatcaca	420
actcaatgcc	atactaaatg	tacttggcct	ctgcaataga	attctagtca	gacttcattt	480
tttactccct	tcttatgacc	caagtggctt	taacaggaat	gcaggactta	gtgctgatca	540
tcacacaaca	taccactttc	tttttagaac	ctctacaaaa	ttttgagggg	agatgggtggc	600
attagccctg	tggaacagat	cttgatcacc	tcaataacac	tggcccatta	tctgtccctg	660
cctgaaccca	ttggtgaaat	agtacaaggg	tgcaacaagg	cttcactgat	tacatggcaa	720
gtgttacagt	agccttagcc	attaggggaag	ggggagggtta	catcataggt	acaaaaataca	780
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<210> 2820

<211> 2295

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2285)...(1610)

<223> similar to gi505098 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2820

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caaaaaatcc	agataggaag	acaggcttat	ttacaatgaa	agtaaggtaa	aattaacgta	180
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cagcaatatt	aaagaggaga	aaacaacact	tatttaatag	ggacagatat	accacaaggt	300
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atttactaac	ttcgagtcta	agtgcaaggg	gacgaaagct	taagcctgtc	agacattcct	960
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tggaaagaaa	cagaatgagg	aatgaatctt	aattggtctc	ttcatcagaa	gtggtaaact	1140
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ctacttccgt	aacatttttag	tatccagata	gtacagcaga	aacggttccc	ggggcaatgg	1560
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tagatagtag	ataatcagaa	acaccaaaga	aacccacacc	catgatggca	ggtggaaacc	2100
aggctctttc	ccatcggagg	actttatcag	ccatcagcat	cacttctccc	catccttgca	2160
gctgttctta	ccaaacttgc	agtctctgca	gccagcaggt	tggtgctgcg	attatctccc	2220
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<210> 2821

<211> 4028

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2616)

<223> similar to gi200009 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2821

ttctatcagc	tgctctctgg	tgctcttgaa	gagctcctca	ataaacttaa	gcttgagagg	60
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gcagcaaatt	ttagaaccgt	gcggaatgcc	atgcagattg	tgggctttat	ggatcatgaa	180
gctgagtctg	tcttggcggt	ggtggcagca	gtgttgaaac	tggggaacat	tgagttcaag	240
cccgaaatctc	gagtgaatgg	tctagatgaa	agcaaaatca	aagataaaaa	tgagttaaaa	300
gaaatttggtg	aattgaccgg	cattgatcaa	tcagttctag	aacgagcatt	cagtttccga	360
acagttgagg	ccaaacagga	gaaagtttca	actacactga	atgtggctca	ggcttattat	420
gcccgatgatg	ctctggctaa	aaacctctac	agcaggttgt	tttcatgggt	ggtaaatcga	480

atcaatgaaa	gcattaaggc	acaaacaaaa	gtgagaaaaga	aggatcatggg	tgttctggac	540
atttatggct	ttgagatttt	cgaggacaac	agctttgagc	agttcattat	taattattgt	600
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atggtcttaa	aagatactgc	attcattcat	cagatatatta	ttccatgcct	actctatgct	3000
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ctcacata	4028

```

<210> 2822
<211> 2331
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2164)...(864)
<223> similar to gi4884550 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2822									
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tcaggagtc	ggtagataga	tggctgctcc	acagtggacc	tggtcatggc	cctggtttct				180
tggatccaca	tttgccccgt	ctcttaagt	tccatctcag	aggtggagga	tggagacagt				240
gaggtggaaa	acgtgcttgc	tctacacaaa	gacaaatgga	tcttctattc	ccagaggacc				300
agggacacca	aaacctccct	cttcagaatg	gaggtagaca	gataaaaatg	agaggggctt				360
gagtgtcaca	gacaatctga	aagtaataat	aggggctcac	tgtggctggc	agaactggta				420
ctgaaatggg	gactacaggg	gaagcagctt	ccagttttat	ggtggagagt	cagtcctgaa				480
tcaggccctg	gggcaattat	aaccagagtg	ctgtttctag	ccacttactt	caaaggacta				540
tggctatggt	gaatcagaag	ccattatctt	tttcccagag	gatgcacttc	catccctatt				600
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cagaacaagg	tcctttggta	tgagctagat	catccaggcc	tgtccctgca	gaacacacca				780
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ccccagcccc	caccacctc	ctacatccca	gcagaaaagc	ctgacagcta	cggacaccca				1260
aggagctcag	agggcaggag	cctttctccc	taggagtcct	cttagggccc	tcttggtaaa				1320
cccctccggt	gcttcactct	caccgcaatc	cccacacctt	taccaagtga	agtagactga				1380
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taaagcaagg	ctccctgccc	agccaaacta	ccacctctgt	ctctctggaa	acaaaaggca	2280
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<210> 2823

<211> 559

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(299)

<223> similar to gi1938404 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2823

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aagctaagag	aatttcctga	aacgcatgaa	ggaaaatgat	cagaaaaaga	aggaagccaa	180
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gagagaacca	atgggaagga	gcctgagttg	ctggaaccac	ttccctatga	attcatgcat	300
aatacatata	tacacatata	tgtgtgtgta	catatacata	tatacatatg	tgtgtatata	360
tatgtatata	tatgacctct	ggactgtaaa	aaaaaagtaa	taaaatgtaa	gaaacctggt	420
aatatgacct	caggtaggca	tcaaggaaac	atcaaccggg	gaaggtagtc	tggaagtaga	480
cccttgaaat	ggtgatgaaa	tggacttcca	cgggtgaatt	tatgaaggga	cggatacttc	540
tctttccttt	gaggttctg					559

<210> 2824

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (708)...(194)

<223> similar to gi4558760 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 2824
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taaggacaga tggaagcaat ggtgttcttc tcagctggaa cccgatgtgg tccgtgtgca    180
gcctgacact cgaaactcat tcattcttct ttttaagtcc tttcacatgg agtccaaccc    240
ttgggcagaa cccagatgtt ttttcagtac ttcacatggt ctctcggtgg cctgtttccag    300
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tgagacaagc ttcttgatct gagccaccaa tttcctgagt gaagggtccag gacccaaaca    420
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tcgtctcgct tcagctggtt cgtcccatga tttcggaac gtaatggtaa atcagctgtc    540
tggaatctgc tcagaggtag aagaggttgt tggaaaccaa gtcttttgat tagcctaaac    600
catatcataa aggggcaata cggatgctcc tagtcgaatg gctgggtag tagctgttc    660
aataatatcc agtttgagt aaatgatagc cttcacgaag ttcctcccat ccaagtactg    720
aagaggccgt accctgggag caatctcggt tactctgtac ttcagtgacc agatgagatt    780
ggagcgttca ctgtgctatg gccgtagatt atgtacgacg tttctggtag cttctcttct    840
gccattntaa                                     850

```

<210> 2825

<211> 6171

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(5292)

<223> similar to gi3510695 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 2825
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ggtttaactg aaaggaagc agcagccctt atagtggaa aagccagaat gattctgcag    180
caggacttag ttgaaatggg agtgcaatgg aatccatgtg ccctgttaca ttctagtaca    240
tgctcattga ctcatagtga gtccgaagta aaggaacaca catttatatc ccaaactaag    300
agttcttata aaaaattaac atcaaaagaa caaaagtaac acaatattta gtgattctta    360
tattaagcat tcaccaaata tagtgcaaga cttaaataaa agtagagagc atacaagttc    420
ctttaattgt aatttccaga atgggaatca agaacatcag acatgttcca ttttcagagc    480
aagaaaacgg gcctctttag atataaataa agagaagcca ggagcctctc agaatgaggg    540
gaaaacaagt gataagaaag ttgttcagac tttttcacag aaaacaaaaa aggcaccttt    600
gaatttcaat tcagaaaaga tgagcagaag ttttcgatct tggaaacgta gaaagcatct    660
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aacggaattt agaaattcag ggccatttgc taaaaatgta tctttgagt gtaaggaaaa    840
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catccatcca attaaccagt acctgcgaaa gcaatctcat gaacagacaa gcactattac    1140

```

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acaagaagac	ctaattaaaa	aatcaaagt	aaatgagaat	caagataccc	accagcagtt	2160
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tgatgtagca	agtgacaaa	atcttttcca	aacattcatt	aaggagtggc	ggtgcaaaaa	3060
gcgattttcc	atctcactgg	cttgtgaaaa	gattagaagt	ttgacatctt	ctaaaactgc	3120
tactattggc	agtaggttta	agcaagctag	ctcacctcag	gaaattccta	ttagagatga	3180
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<210> 2826

<211> 559

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (63)...(448)

<223> similar to gil490330 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2826

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caaaagaaaa	ggatttgttg	ccttctcccg	ctgggcctgt	tccttcaaaa	gatccaaaaa	180
cagagcatgg	ctctcggaag	aggactatta	gtcagtcttc	ttccttaaag	tcaagcagta	240
acagcaacaa	ggagacgagt	ggcagcagca	aaaacagttc	ctccacatca	aagcagaaga	300
agaccgaagg	gaagacttcc	agtagctcca	aggagggttaa	ggtaaaggct	ccaagtagct	360
cctctaactg	tcctccatct	gcaccaactc	ttgattcttc	taagcctcgg	agaacaaagc	420
ttgtctttga	tgacagaaat	tattcagcag	accattattt	acaagaagca	aaaaagctaa	480
agcacaatgc	agatgcattg	tctgataggt	ttgagaaagc	tgtatactat	cttgatgctg	540
tggtatcttt	cattgaatg					559

<210> 2827
 <211> 2285
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(798)
 <223> similar to gi488555 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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ggtaaggcct tcagcatagg ctccaacctg aatgtgcaca ggcggatcca caccggggag      180
aagccctacg aatgccttgt ctgcggggaa gccttcagcg accactcatc cctcaggagc      240
cacgtgaaaa ctcaccgggg agagaagctc tttgtgtcat ccgtgtggaa aaggctccag      300
tgagcgcgcc tgcttttagag acacaggatg attcagaccg gaaacagacc tcgtgggtgt      360
aagaggaagc ctctgtgagc tcgcacctta ctgggtgcaa aagaatccac ggaacttggg      420
agaagtccag ttctgtgtaa aactgggaag acgaggcggt ctcaccccat aggaggtttg      480
tgagaactca cgccgggggt gaaaatgtac gtctgtagca tggagaagcc ttcagggtac      540
attcagctct taacaaacac aggaggactt aatggcagct tggcatttaa tgtcaaaatc      600
caagccgtgg catttaatgt caaaatgact tcagaccact tctagccttc tgggcccattg      660
agtaataatg agcacactag ggagcatctc tgtaaacaca gtggctgggg aaacccttcc      720
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gaacgtggaa ggtcatgaat gggccgcaaa ccacggccag ctgcttgtct ttgtatggct      840
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tagtattgga agatccacct taacgaccgt gcatatgaaa accacagtct aaggaagtga     2160
ctgcagaaa ctcacagcga ccctggcctc ccctgtggcc tctttgagtg tctgcagcag     2220

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 aaaaa 2285

<210> 2828
 <211> 3874
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (3876)...(796)
 <223> similar to gi3327170 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2828

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tgtagagaac	atctcagaat	gatactcatc	ttttacatga	catcttgaca	tccattttta	180
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tgtgtactgt	gagcctttca	gaagggttaa	tgattgaggg	atgccagtga	aggggtgcag	300
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aatttttggt	ggcctgtagc	cacaaccctt	acagtccatg	cctagttcaa	aaaaaaaaatt	480
ccaaaactag	gaagaaagtt	ttgtcttttt	gattcacagt	tttgtaaaca	gatataaagg	540
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<210> 2829

<211> 3050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1766)

<223> similar to gi6014457 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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agtggttacc	cagacttacc	agaattatgc	ccccccaga	aaccagcaa	gaacacttgg	2220
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gtgattttct	gttacattca	atttcaaact	ctctaattgt	gggttttctc	ctgaagaatt	2340
ttttttcaca	tactttccaa	aagaccaaca	aatggatgtt	gacaacaacc	caatgaaata	2400
acattttgca	tatctgaaaa	gaagcattga	atataagcca	aaagctttca	ctgaagggtt	2460
ttttttctta	aaaataaaaa	aaaatatata	aatgtaacat	gttttcattc	caaactggta	2520
gtggtatata	gaattaaaga	taataatgtt	gcttcttatt	caaactgttg	gtcatatgta	2580
cagtataata	acataaaaca	cacaaggaag	gtattatgta	tgcagtagta	tactagagtt	2640
taggaaaatg	aaaatttttag	aaaatatgtt	ttgtcacctc	gttggtcaga	aagatgtctt	2700
tctggtttta	acgcatgcag	gcattgaaat	atttgtctgg	agtcacagta	ttaatgaatg	2760
agatcttaag	catctgggtga	catcagaact	ctgtgtcagc	cactttttatt	tgtatattga	2820
accctagcta	gtgccccaa	ctgcactatt	gggaatggat	tgtggctgaa	cagcaaatca	2880
aaacaccaga	aatatttttta	tatgttaacg	tcatattatg	ttaatgttgc	tgaaaacaaa	2940
acctaacaaa	ccttgatgta	ccagtcacat	accatgtagc	gctgagtgat	aaagttaaaa	3000
tgtgctgtgc	ttcccaccct	tgtcagaggg	agggtggcct	gtgttatatt		3050

<210> 2830
 <211> 1316
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1302)...(1012)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2830
ggctgtctat cagtggataa ggtgggggct gtctatcagg ggagaagggtg ggggctgtct 60
atcagtggag aaggtggggg ctgtctgtca gtggagatgg tgggggctgt ctgtcagtgg 120
agatggtggg ggctgtctgt cgggtggagat ggtgggggct gtctgtcggg gtagatggtg 180
ggggctgtct gtccgtggag atggtggggg ctgtctgtcg gtggagatgg tgggggctgt 240
ctgtcgggtg agaagggtga agcttggtact cagagcaggg gatatttaga cttgaagggg 300
ccaggaggga aggtactggt tctactaagc cccatgttca ctgggcagcc actaagttag 360
ggaccgtgtg tgtaccgagt ggattccgac aaagaagctg tctcaggagc cccagccagc 420
tgcagagggg ggcccaagct ccaaggctgg gtgtcagggt tggcagggtg tggctccgct 480
agggggccgca ggctgcgctg ggcgggactg ggctgggctg gtacctgtgc ccggtgtcag 540
gccagctgta gttgcagcgg tcagctgccg ctctctggcc ccatgcgaac tgctgtgcca 600
ggtgcaccct gggggaccag gctgcctggg ctctctggaa ctggtgaagc tgccgccact 660
tcctctatgc tgtctccagc aggcaattct gggtaaacga tcttcatttg cctataaagc 720
tgcacagctc acaggccttg gaccgtttct gccccagccc cagcattggc cctttggaca 780
gactctgaaa ccgtgcgcag aacgcaccct gtattacaa atgactcctg gaggcagtcc 840
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gcaacaagag caaaactcca tctcaaaaaa aagaaaaaag tgccgagtgg agtcgtcacg 1020
cccgtaatcc tagcactttg ggaggcagag gtgggcggat cacctgaggt cgggagttcg 1080
agaccagcct gaccaacatg gaaaaacccc atctctacta aaaacacaaa aattagccgg 1140
gcgtgtgcat gctgtaatc ccaçtactc aggaggctga gggaggagaa tcgcttgaaa 1200
ccgggagccg gaggttgtag tgagccgaga tcgtgccatt gactccagc ctgggcaaca 1260
agagcaaaaa ctccatctca aaaaaaaaaa ggagagagag aaaccgggac cgcaag 1316

```

<210> 2831
<211> 1296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (89)...(1232)
<223> similar to gil78997 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2831
aattcccaga caacgacagc tgatcaacta cttgaatttt ttaaacaagt tggagaagtg 60
aagtttgtgc ggatggcagg tgatgagact cagccaactc ggtttgcttt tgtggaattt 120
gcagacaaaa attctgtacc aagggccctt gcttttaatg gagttatggt tggagacagg 180
ccactgaaaa taaatcactc caacaatgca atagtaaac cccctgagat gacacctcag 240
gctgcagcta aggagttaga agaagtaatg aagcgagtac gagaagctca gtcattttatc 300
tcagcagcta ttgaaccagg gtggctgcac tcaacgagtt tatgcaatga ctttcttgga 360
tgtttctgaa ggaggaggat gtacagagag tagggccctt gcactatatg tggtagattc 420
cacttggtgcc tgattattaa ctgggatctt taattgttct gagcttacac tgcaagtgga 480

```


ttttttcttc	ccagagtctg	gaaagagcaa	tgaaagaaaa	ggcggtcgat	ctcgttccca	540
tactcgctca	aaatccaggt	ctagctcaaa	atcccattct	agaaggaaaa	gatcacaatc	600
aaaacacagg	agtagatccc	ataatagatc	acgttcaaga	cagaaagaca	gacgtagatc	660
taagagccca	cataaaaaac	gctctaaatc	aagggagaga	cggaaagtcaa	ggagtcgttc	720
gcattcacgg	gacaagagaa	aagacactcg	agaaaagatc	aaggaaaagg	aaagagtga	780
agagaaaagac	agggaaaagg	agagagagag	ggaaaaggaa	cgtgaaaaag	aaaagggaacg	840
gggtaaaaaac	aaagaccggg	acaaggaacg	ggaaaaggac	cgggaaaaag	acaaggaaaa	900
ggacagagag	agagaacggg	aaaaagagca	tgagaaggat	cgagacaaa	agaaggaaaa	960
ggaacaggac	aaagaaaagg	aacgagaaaa	agacagatcc	aaagagatag	atgaaaaaag	1020
aaagaaggat	aaaaaatcca	gaacaccacc	caggagttac	aatgcatcgc	gaagatctcg	1080
tagttccagc	agggaaaggc	gtaggaggag	gagcaggagt	tcttccagat	cgccaagaac	1140
atcaaaaacc	ataaaaagga	aatcttctag	atctccgtcc	cccaggagca	gaaataagaa	1200
ggataaaaag	agagaaaaag	aaagggacca	catcagtga	agaagagaga	gagaacgttc	1260
aacgtctatg	agaaagagtt	ctaattgatag	agatgg			1296

<210> 2832

<211> 1205

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (393)...(6)

<223> similar to gi3859492 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2832

agctactgca	gagtaagaac	atgtcctcat	ctcgagcagg	ctaaacatgg	ccacatcagc	60
gtggtctacc	cgggaaatgt	tatataagac	atcatgatcg	ggtgcctgtg	atgaagggtg	120
cagactacaa	ggcagtagat	aagcttactt	gtcaaggaaa	cagccagcgg	tatgggccag	180
aaccccggtg	tgtggagcgc	cactgttcca	cctttcagat	gcccagaagat	gtcatcatat	240
ccccccacaa	ctgtggcaag	cagcctgcc	aatttgggac	gatctgctat	gtaagttgcc	300
gccaagggtt	cattttatct	ggagtcaaag	aatgctgag	atgtaccact	tctggaaaat	360
ggaatgtcgg	agttcaggca	gctgtgtgta	aagacgtgga	ggctcctcaa	atcaactgtc	420
ctaaggacat	agaggctaag	actctggaac	agcaagattc	tgccaatggt	acctgggcag	480
attccaacag	ctaaagacaa	ctctggtgaa	aaggtgtcag	tccacgttca	tccagctttc	540
accccacctt	accttttccc	aattggagat	gttgcctatcg	tatacacggc	aactgacctt	600
tccggcaacc	aggccagctg	cattttccat	atcaagggtta	ttgatgcaga	accacctgtc	660
atagactggt	gcagatctcc	acctcccgtc	cagggtctcgg	agaaggtaca	tgccgcaagc	720
tgggatgagc	ctcagttctc	agacaactca	ggggctgaat	tggtcattac	cagaagtcac	780
acacaaggag	accttttccc	tcaaggggag	actatagtag	agtatacagc	cactgacccc	840
tcaggcaata	acaggacatg	tgatatccat	attgtcataa	aaggttctcc	ctgtgaaatt	900
ccattcacac	ctgtaaatgg	ggattttata	tgcactccag	ataatactgg	agtcaactgt	960
acattaactt	gcttggaggg	ctatgatttc	acagaagggt	ctactgacaa	gtattattgt	1020
gcttatgaag	atggcgctcg	gaaaccaaca	tataccactg	aatggccaga	ctgtgccaaa	1080
aaacgttttg	caaaccacgg	gttcaagtc	tttgagatgt	tctacaaagc	agctcgttgt	1140
gatgacacag	atctgatgaa	gaagttttct	gaagcatttg	agacgaccct	ggggaaaaat	1200
ggtcc						1205

<210> 2833
 <211> 4650
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4651)...(1400)
 <223> similar to gi2058326 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2833
tttttttttt ttacagataa atttgttttt aataaaggag ttaattttct ttcaatccta      60
tataaaacaa tagcaattaa aaacttcatt tctgaaagta aaatatttac atatgaacaa      120
gtaaactgtg caaaattttac atgaaaaaat gggaaaggac caggggtttc cctaaaaggc      180
caaaataaaa aggtgtaacc agttcctcag gtgttgataa aaaatactga tccagcgttc      240
cagttcacac gcggtcgga ttttaaggtct aatgtgagaa ttcacacgga gaaagccaga      300
gtattttacag tcataaaaagt actatcaata gacaatttca tacaataacc tctgaaaata      360
gaaagaacca attagtatat ttgtaataaa aaaataggta caaagaaggg gctttgctct      420
ggacgtctgt aaagtcggcc caaggcttgc atacagtctc ttagcaaaat aattatagtt      480
tacatagcca tttctatgtc atgtgccaaa agttatgtac aattactgac aaaatacacc      540
aaccattttt caacacttga ttcacaccga gaaacagtct tttgatgatt cttctcaact      600
ttgattttat ttaactctagg ttttcacttt tagctaaaaa acacagtgca agtaaaatat      660
atttatgctg aaaaggtttt catctctttt aactttacag ctttacaac tatagcaaat      720
aaaatgcatt tgtacagatg ctgaccacac attcagaagg agccaccttt gctgggctcg      780
gcctctacca agcagaaatg cgattacact ctgaggtggg ggtgcaacga tgaattgtgt      840
attcctccag gattctcagc ggagtggagg ggaagggagg ggaggggagg gcagggggca      900
gagaggagag cggggtggga ggggaaggga aggaagataa atagtcctaa aaaatcagtt      960
tgctttgccc aactgactat tacaaaaata aaataaacga aatgaggtca tccgctgtag     1020
acatacacct acatagtaag ttaggtagaa ctaaaccaaa atgcacaaat aatgcagaaa     1080
ctgctatgag ttgacaagag ggcagctaat tatttgctaa cgattccatc agtctttata     1140
tatggcttgt ttggcaggaa ggccactcaa tcaagatgag ttaagattta attgtccttt     1200
aagagtatcc acaggccttt gtgttctctc tgttacagaa acgtgttttc tttcacactg     1260
aagagctgat ttagaaacag gaatataaaa ctgttccatt gtaaagaggt ggctgttttt     1320
taaacaatat cccatttgct cgttacaaaa aggcgtaatc tgcaaatata taaaaagtcc     1380
ccaggcgtcc tctgtgtca ctttaaggaat gctttgtaga gcagcagtga atggcttgtc     1440
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cgcgtgaact gtctgggggt tccgacaccc gagctgcctg ggaccactga gccggggccc     1560
gacccctctg ctccctgagc cggccccgga cagtccactt tctcttttt cctggggccc     1620
atcgtgcta gtgctgtgag gttggcgtec cgctgtctca tttgtgccag ttctgttgc     1680
tgcatctcct ttgccttctg tttcagcctt aactgttctg gatcttcttg tcttgaccga     1740
gactttgctg cctcatcag gatctcccgc tctgtctcat ctttctctg cttttcgatt     1800
tgatcaagct gttcaaaaaa cttgagctgt gcccgagct cactcgctg ctcatatctg     1860
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ttctgtagcc tttgttgctg ggcattgtgat acataactta ctacatctgg atgtaattcc     1980
gttataccat gttttttttac ctatttttaa tattcttctc tgcaaaggcg cttggaggag     2040
gaaggtttca tctttacagg accgcgttag cgtgcccacc aattcagagt tctgggctaa     2100
tattcttgca ctttcttctg acaagtttac tccagccatc gatgcaacat cattaatgtc     2160
atcatcgccc cgaaacgaac ctccccagg ctccttgagt ttatttttct gtgcagcagc     2220
tgcttggtgcc gagacagcag aaagggtctt gggtccaggt aacacggcgg gtttcaccac     2280
agggactggc tgcagtgggt tcagctggat ctgctgaggg gtggtgagca tgatccgggt     2340

```

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gacgccgacc	tgcgtgggct	gcgtgaggct	gagcacaggg	ggctggaggg	cactgggtcac	2520
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cagaacccagc	tgaggctgag	aaccgggcga	gcgcttcagt	gttgcgctgg	gctgcaccgt	3060
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gctggccgcc	gtgctggccg	ggccgctggc	cgccagggtc	tgcgcgcgcg	ggggcgccgc	3600
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gccggggccc	ggttgggccg	tgacccccgc	ggggcccccg	gcggccgggg	cgggggcggg	3720
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ggtcgggggt	ccggcggggt	ggccgggcgg	ccgggcccaga	gtggcgggcg	cggggggtgg	3840
cggggcgggg	gcggcgggcg	gggcggcggg	cgcgggggcg	gcggggggcg	agggcgcggc	3900
gggcgcgggg	ggcgcgggcg	cgccccacgaa	ggggggcgctc	tggatgacag	tgccgggggc	3960
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cggtaggggg	gggcccgggc	gctgcggccc	cccggccccc	ggccgcgctc	tacctgcggg	4380
gggcggctcc	ggcgccgctc	cgggcgcgcc	ctcgcggggg	gcggccggcc	ctgcgcccgc	4440
ggctccggcc	gggctgccgc	tcacaacatg	gttcccagag	gcgcggcgcg	ccgcggcccg	4500
cacctcgggc	gtgcgcggcg	cgaggtggtg	gtggtggggc	gcgctggccg	ccagctgcga	4560
ctccagcgag	cccaccaggt	cgctcaccac	tttctcgctc	acctcgctgt	tgaagaagac	4620
ctcgctccagc	agatccgagc	ccgcgcgcat				4650

<210> 2834

<211> 1700

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1391)...(859)

<223> similar to gi4456991 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2834
ttttttgaaa ttttaaagct ggggtgtccag ggcagacatc acatgttggc aggttctgtg      60
atgccccctg agccataaaa ccagcaaatt ttttattagt gattttcaaa aggggagggg      120
gtgtacaaat aggggtatggg tcacagagat cccatgcttc acaaggtaat aagatatcac      180
aaggtaaatt gaggcagggc gagatcacag gaccacagga ctggggtgaa attaaaattg      240
ctaatagaat ttccggcatg cattgtcatt gataacatct tatcaggaga cagggtttga      300
gagcagacaa ctgggtctgac caaaatttat taggcaggaa tttcctcgtc ctaataagcc      360
tgggagcact ctgggaaact ggggcttatt tcatccccac agctgcgacc ataaaagaca      420
gctgccctga agcagccatt tcagaggcct accctcaggg atgcattctc tttctcaggg      480
atgttccttg ctgagaaaaa gaattcagtg atatttctcc catttgcttt tgaaagaaga      540
gaaatatggc tctgttcctg ccagctcacc ggcagtcaga gtttaagggt atctctcttg      600
ttcctgaac atcactgtta tctgttctt ttttcaagggt gccagattt catattgttc      660
aaacacaaat gctctacaat ttgtgcagtt aacacaatca tcacagggtc ctgaggcgac      720
atacatcttc ctcagtttac gaagatgacg ggattaagag attaaagtaa agacaggcat      780
aggaaatcac aagggtattg attggggaac taataaatgt ccatgaaatc ttcacaattt      840
atgttcttct gccatggctt cagctgggtc ctccgggggc cctgacttcc cgcaacatct      900
ctccctttct ttttataata aatgtgccat ggcaatgaag gcttgttctg tctcttgatt      960
ttgacgcagg attctttgac tagtctggca aactaaaaac aagccgatta aacagagaaa     1020
cataattcca aaatttacta cagtggagcc cccaatagac ttaatccaag tcttgggggt     1080
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atcttcccta ccagaagat gtcttttgac catttcccat gaatgatcag tctcgttata     1260
ggaatacggg gtgatgcaga aatctcaagt gttccaatcg tactgcattt gcatgtgatg     1320
ctcgagactc actacctgat ctccaagcca aataacagac tgtcttaaatt cattaatttg     1380
attagcttgt gtccatccct taagggcact gagtttccct gggctgcggg taggtccaga     1440
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ttttactgtg gctgagctgg caccgaagct acaagacagc atccttccca ttcttccctc     1560
ccctttttcc agggcagatg attctttccg tgttccacca ctaccacagg ccacaagga     1620
gttctgtcag ggtaccacaa atatttactt aaggcccaag ggctcttcag tcagcttgtg     1680
ttgaatactg ccaggcctgg                                     1700

```

```

<210> 2835
<211> 2265
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2266)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2265)...(312)
<223> similar to gi3135968 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2835
ttttttttca tgatatacaa atattatttt attagatgcc aaaactttta ttaacatcac      60

```

tttattttcta	tttgcagctt	ttaattat	ttaaacattttata	acatttttact	gtgtctcctc	120
tgggtgacta	aatatcttca	catgcccact	agctaaaaag	aattttctaag	tagaactcaa	180
ctgaaactgc	aagctactgc	tctaagaaat	gcatacttat	gtttattttgc	tctcctatat	240
aatcctgttt	acaaatagca	taactgcaaa	gattttatatg	taattttctaa	atccttcagg	300
ttgctctacc	attcatcttc	ttatgtctgg	caagataaac	actcttagtg	aacactttgc	360
tgcactctct	aaatgagatt	tgtctccagt	ttattttccta	tagaataagg	gatgcacttg	420
gaactgaaaa	attccttcaa	tttctaaagt	ttccacattc	atacaacttt	tctcctgtag	480
gagtttgag	gagattccta	ttgcctatag	tctttccac	atttgctaca	tgtacacaga	540
tttttccctag	tgtgagtata	cttaggtcaa	ttaagggatt	aatactgaca	aaggctttcc	600
cacattttatt	gacttcatat	gattttctcta	cagtataaac	tctaataaaa	aaatctgcat	660
cattgctaaa	agtctcccat	gttcaccacc	ttcatacaac	ttttcccag	tatacatttt	720
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gatgtacagt	aaggtttgaa	ctacagctga	aggtcttccc	acatttaata	cattcgtaag	1020
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tcccacatat	actgcattcg	tagggtttca	atctaattgtg	attttctcaa	tgcataattca	1140
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tcttcatcat	aaatattcctt	ctttgttgat	aattccttgt	tttcccatct	tgattcccaa	2160
tcttttgaca	gttttttctc	catcatccag	ggctcttttc	catcctcnaa	taacatgatc	2220
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<210> 2836

<211> 2486

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2487)...(1429)

<223> similar to gi191175 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2836

tttttttttt	ttaaacaaaa	ctttattggt	aatagttttc	aaatatgttt	acaacagcac	60
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ccggggcccc	accccaggcc	tgagaactcc	tcctgggatg	gggagaagtt	atgagagggg	180
gaaatacggg	gatgaatggg	gtggctcccc	agcggctccc	cacttttcta	ttacgagaga	240
aaaaagcaca	aatgagaaag	tgggggagag	gtgatggaca	gctgacagct	aagctggagg	300
aggggcgccc	aggatggggg	aggcggaagc	tgggtgggtga	gtaaaacagg	cagccctcc	360
ccagcagctc	tagccttgaa	ccccgggccg	tggcttgggg	ggacttggcc	tcttctgttc	420
ccttttgcag	ggatgccctc	cccactcagc	tgagggaagg	ctggacgtta	aaatctagcg	480
gagaataaaa	ttaaggagtt	ggggggaaac	gctgctggga	ggaaagactt	gggcttgggg	540
ctccccctct	gtctttttgg	gggatgactc	ctctttggca	gggagagggg	cagctgcttt	600
gtctggcttt	caaagcccaa	gggtgaagac	aggtctgttg	gggaaaaaga	gagcggaggc	660
ttcctaaagg	ggcctagacc	ctcgcaggat	tggcagagag	gattcccccg	ggagggggccc	720
aggggagatt	agcagcgggg	aggttcaaac	cccagcgctt	ccctttccaa	agtcagtctg	780
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gagggagggg	ggcactgggt	gaacttaaat	aagattttta	attgttgttt	ttttaaaaaa	900
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tccttgata	caccagcaag	acctggtctg	actggagtgt	agaaaactcg	ttaaaacagg	1140
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tgggagaggg	ggcaggaggg	tgaaggggat	gagggggagc	agctgggtgt	tctgtccctc	1260
tgattatctg	ggcttctctg	tccccctacc	cctggagggt	ggggtggggg	tgaaattaga	1320
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aaaaagaaaa	aagaaaaaag	aaaacccatg	ggggcacagg	catgccccta	aaactcagaa	1440
aactccttgc	ccaaacttct	cattgatgga	aaaccgggat	ttcttcttcc	tcatagtcgt	1500
caaagttaac	tcgtatcccc	agggccttta	aactttggta	tgaagggagc	ttccaccttc	1560
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aactcgagtt	tgacgaggaa	cggaaaagtt	acagcttgca	ggatgcgctt	ttcattcagg	2220
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ttaagaaaat	cttctttggc	tttggctaag	aattctttca	cgctctcctg	ctcgtcgccc	2460
ttcttggcgg	cggcggcggt	gcccatt				2486

<210> 2837

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (712)...(668)

<223> similar to gi2723316 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2837
ttttaagat ttctcagcag tatgatttat tttatgttta gaaaagtttg aagggtgtgt 60
caaaatcatt gtcacatctt tcaggtttgt aaagtttcca gtattaattt tcttatgttt 120
agtaaagttt gagatttagt tacaagcatt gccacattct tcacatttgc agggtttctc 180
tcaaatatga attgtcttat gtggagtaag ggttgatgat aggttagctt tgccacattc 240
ttcacatttg tagggtttct ctccagtacg atttttctta tgtgcagtaa ggtttgagga 300
tgagttaaaa gctttgccac attcttcaca tttgtagagt ttctctccag tatgaattat 360
attatgtata gcaagggtgt agaactgttt aaaagcttta ccacattctt tacatttgta 420
cagtttctct ccagtatgaa ttaccttatg tttagtaagc gttgaggaca ggtaaaggc 480
cttgtcacat tcttcacatt tgtaggattt ctctctgtga tgaatttttt tatggtctgt 540
aaggtttgaa gatcggttaa aaactttgcc acattcttca catttgtagc atttctctcc 600
agtgtgaatt atcttatatg tagaaagggt tgaagactgg ctaaaagctt tagcacattt 660
ttcacatttg gtagggttct ctctgtatg aattttctta tgtgtagtaa gttt 714

```

<210> 2838

<211> 354

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(355)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (355)...(134)

<223> similar to gi5069468 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2838
agtaaataata gctcttcata attttgttct gaagtttaaa aatatatata tttttgaatg 60
gataactttc tttttctaaa tgcttacagt agagcccacg atggttgtta aaagcccca 120
ggttcagcct tctttaattg tgtggtcagc ctgccatcaa cccaggggct ccctctgctc 180
ggcactgtnc tgctctagtg aatacctttt ttattctggg gtgacctaat atggccggtg 240
aggcggtcac ttctcataga gcgttgtgaa cattctggac aaacaaattt cttctcaccc 300
tgtatgcgct cttctgtgcc tctgtaattc atcacttcga gtaaattctt tacc 354

```

<210> 2839

<211> 378

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(294)
 <223> similar to gi3132823 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2839
 aagaaagcat aaaaaaggga cacttggaag aaattcaaaa gaaaagaacc tgctgagcag 60
 tcaaattcca gaaggccatt actggtgcat ctcttgctaa tatagtggcc aagaggaatg 120
 agaaacatga agttaaaaag gctcaatgaa aacaagctag cagggtgct aaggaagcaa 180
 aaaaggctaa gctagcatct gaaaagaccg caatggctgc tgctaaggca gcatctacac 240
 aaaagatggt gaagcctgtg aaagtgtcag ctccccgagg tggttcaaaa caccaagttg 300
 gcagatcaga ttcttaaaga ttggactgta gaaaaatata aattatatta cctaacattt 360
 gaataacgta ttttagtt 378

<210> 2840
 <211> 308
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(277)
 <223> similar to gi2072966 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2840
 cacctattca cctataaagg aaattacatc agattaacag ctgacttctc agcagaaacc 60
 ttacagacca gaagaaaatg agatgatata ttgaatgtgc taaagaaaaa cattgccagc 120
 aagattaatc ttcataaagg aagacaaaat aaattctttc ccaaacaagc aaatattgag 180
 gggagtcatt gctattagac tggttttaca agaaatgctc aagggtgctc taaacttgga 240
 agcaaaagga caacattaac catcataaaa acacatgaca gtataaaaact cattggcaaa 300
 gtaatcac 308

<210> 2841
 <211> 1277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1260)...(736)

<223> similar to gi6007542 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2841
ttttttcaaa ccatcacttg tttataaacg cgtttccgat ctgccatcgt aattccattt    60
tagtcatgca tcccagagatc attcaaacca caccacagag agactggacg acagcactca    120
ctagggtgct atttataacc atacaatgca ggaggctagc tgcgtgtoga tctgggggac    180
agtttaataa actgccacac aacacagctg agctccacac agccacatga ggatggggac    240
agccattcct tgggtttctg aataacgtat caagtgaagc gtgaatttca atcaagcttg    300
tacatcagga cgtctctgcc aaaacaacag ttgcttttgg ctgctggaag ctgtagcttt    360
tcaaaacggt cacacatttc aatgtatcgt cgatgttttt aaatagactt acagggaggg    420
tggcacacag caaaggcccc caggccctcg tagcaccgca gtccaggtag gatgctgggc    480
ggcggggggg ggtggagggg gttctattta cagtgtctgg gctttgactc cactaactgt    540
tggttttgtt ttctttctta aaccttttcc ttcaagtctg gaagcctgtg gagggcctgt    600
caccttaaag gcaaggattc cttgtttgca ccaggcagac aaatgtcaaa ccacgacccc    660
aggggctgca ctaggcgtcg ggcccagaag ccccggcca tccagccccg actctttcat    720
gcctctgccc ctgatgaggg gaccacaggg accctcaagg ggacaacagaa gggaggctgc    780
atcctagtc agtgtcaaag tgaggggggc gctgcaggag cctggacagg accacctagc    840
ccagccaggg acaggagggt gagaccacct ggaacaaagg cacagaggct ggagagaagg    900
cggcatgttc ccagactgca tgggctcggg gtagggggat gcgaggtcag aactggcata    960
gtggccagga tctcgggctc tactccatgg gcagggggga agcccctggg gctgcatggg    1020
gccatggggg aggcgggcgc aggagacacc ggctgctgtg ccaaaggccc cagtccagct    1080
gctcctctgc cagcagaagg cagaggacaa ggggtctggc cagggtggcct cgtgggacgg    1140
ggggaaagga gggaccagca aacccttctt gggatggctg aggacacagg ggactccagc    1200
agaaagggag gccctgggt gtgcaagacg ggacgctgac cagcctgggc cctcaccggc    1260
cactaccccc accacca                                     1277

```

<210> 2842

<211> 1322

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1324)...(0)

<223> similar to gi804807 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2842
tttttttttt tgggtggggc acaaatggaa accatattaa cccctttatc attgtatagt    60
gactttattt gtctcatagt ttttgatca aaatcaatac tcttctctt tttcctgggt    120
tccattggca tgggaataact ctttccaaact ctttactttc agcctatgtg tgtctttata    180
gtttaagtgt gtttcttgta ggcaacagat caatgggtct tgttttctcc attcattcag    240
ccagtctatg tcttttgatt ggagagttaa gtccatattt ccattcaatg tattatcgat    300
aagtaaagac ttactcctgc cttgttattt atttgttttc tgggtgtttt gtggtcttct    360
tctttctttt cttcctgtct tcttttaggg aaggtagttt gctctggtga tatgatttag    420
gtttttgctt tttatttttt atgtatccag tgtatgtttt taggtttgag gttaccataa    480

```

ggattacaaa	tactattttg	taaccatta	ttttaacctg	gtaacactgt	ttgcattaac	540
aaacaaaaaa	ctaataaaaa	ctctacatct	taacttcac	ccccacttt	ttacttttt	600
gttggttcta	atattatctt	atatttctga	ctgggtctga	aaagttgtag	ttactatttt	660
tgattgggtt	atcatttatt	ctttctactt	acacaccaca	gttacaatgt	tatcacactt	720
tgggtttttc	tgtgtactta	ctcttaacag	tgagtttttt	accttttagat	gattctttgt	780
tgtcatttaa	tgtctgtttc	tttctgacca	aagtactccc	ttaagcggtt	cttatgggac	840
cagtctagtg	ttgatgaaat	ccctcagctt	ttgtttgtct	gggaagtctt	tgttttattct	900
tcatgtttga	aggatatttt	tgtctggatat	actattctag	ggtaaaagg	ttttccctt	960
cagcacttta	acatatgtca	tgtcactctc	tcttggttg	taaggtttcc	actgaaaaat	1020
atactgccag	atgtattgga	gctccattgt	atgttatctg	tttcttttct	cttgctgctt	1080
ttaggatcct	ttctttaccc	ttgtcctgtg	ggagtttgat	tattaaatgc	cttgaggtaa	1140
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tctgtaggtt	taggaagttc	tatgttatta	tccctttcaa	caaactttct	attcctatct	1260
ctttctctat	ctcttcttta	aggccaataa	ctcctagatt	tgcccttaag	aagttatttt	1320
ct						1322

<210> 2843

<211> 3506

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3467)...(698)

<223> similar to gi5917666 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2843

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acactggaca	catgcacaca	cacacgcgtg	catgcacact	cctcgcaact	ccagccttgg	120
agcccttctg	tctctggact	ttctctttga	ccctgctgag	tgtaagctgc	ctggggagggg	180
gctacaagga	gtaattgtgg	ctttaggggt	cgtgggtgatg	ctggaatgtc	aagcgccgtc	240
gtggggatc	cgactgtccg	ggctcctggt	ccgcagtggc	agagcgccag	gcagagccca	300
atcagggctc	cgtgctgccc	ttcccccca	cagcctggca	gccatccaga	ggaggggctc	360
taccagatgc	caaggtgccc	cgggtgtctgt	atgggtgtcc	ggttgggtcc	tgtgtttggt	420
ctgccctgga	ggtggctggg	ccctcctggg	atgggtggct	cagcctcgaa	tcccaggccc	480
cagcccaggc	aggtgctgct	gcctgttgtg	gtttcctggc	ccagcttctc	cttctccctc	540
tgcataaaat	cacagtcctg	gagtcctcca	gctgccacca	cggctgggac	acgctggggg	600
agggtcctc	ccatgcctcc	tgacacacag	cgtctgagca	gggcaggtgc	ccaacacccc	660
ccaccggagg	acacgctgcc	cctcagcgat	gccccacct	tttggggggc	ctcgtctcaa	720
gccccccctt	ggaggctgaa	atcaccccag	gcactgtgag	ggcttctcca	gggggcaccc	780
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cagctatttc	tagttgcttc	ccagaagccg	aggagcagaa	ggagctgtga	gagctttgca	1080
gaaacgcctt	tgtccccgcc	ctcctgagct	atgaatgccg	tacagagcag	aggctggggc	1140
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gtgagaggga	cggttcacaa	agcttgagac	tgccgtggag	ggtgcccggc	agacgtggcg	1260
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cccaccagc	gcgcagtctc	cacctcgcc	ccagcaaagc	gctaagcagc	cggagagaca	1920
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ccctgcgaac	aggtggggcg	ggcgaggggc	ccaagggacg	ggctccagag	acacgcgcag	2580
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tggacgccat	ccctctgccc	gggatccaca	cggccccacgt	gtccccgcca	tgccccgccc	2700
ccacgccatt	gcagtcttcc	atcctctggc	cgtgacgggtg	gctgcagctt	ccccatttgc	2760
gcegttgect	ctggctgtct	gcacttttgt	tcattgtcca	aagaacattt	cataatgcct	2820
tcagtaccga	cgtacacttc	tgaccatttt	gtatgtgtcc	ttgtgccgta	gtgaccagg	2880
cctttttttg	gtggatgtgt	taccccgcac	acttcaatct	caactttgtg	caccgtccat	2940
tttctagga	tagacgcca	gggaatgaac	tctagttttc	taacagatta	gctgagatat	3000
taacttactc	acacgcacag	gttgatgccca	gagccgtaag	aatgcgccag	tgcgggtttg	3060
cgggggactt	cgggtgtggg	gtcctacggc	cgcgatggcc	gtggaagggt	ctggggatcc	3120
ctgctgccac	ggggacgagt	tggacgcca	ggtagacctg	tgcactcagt	aaaacgcagt	3180
gattcaacct	ggacggtgtg	tggcctcctc	actcccactg	tctctgggcg	gccggtctga	3240
gggcccggga	cttctggctg	atgctggggc	tgagtggggt	gcggtgctgt	ggaccgggtg	3300
tggggacgga	tggctccctc	cctcagggca	cgaacgagct	ggggtgttgt	gaaacagtgg	3360
ggctgggggc	cacagtgagt	gaggagcagg	ggcggctggg	tcctagggct	ctggctggcc	3420
aggtgacgag	cgccctgtag	ggtgatttat	acccccacac	agggtgcagg	tgtccatcca	3480
cgttgccccc	ttcctgcegt	gatccc				3506

<210> 2844

<211> 1476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1429)...(254)

<223> similar to gil88864 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2844

tcacgtgtgc	acagcttttt	tacaggttac	aaagtgtttc	acatacatca	tctcatcaat	60
tcctcacaac	agccctgtga	ggtaggcagg	gcagggggta	atgttcccat	ttgtacagat	120
gtggagactg	aggcccagag	aggccagtga	cctgcttgag	gccacacagc	aagtgagcag	180
caaagctggg	accaaaggct	gggggtgggccc	ccacctccag	cccctggctc	tctccactga	240
ctgtgctgtc	ccccagggag	gaccccagcc	tctgtccaga	gttttcagcc	acaaccaagc	300
caggctccca	ccccttgtag	tagtgccgcc	tggcagccca	gcagacaggc	tcccaccccc	360
atcggcagac	ctgtccccctc	cacctgcgcc	ctgcaaaaag	ccagcccggg	gctgggcccc	420
ggcctgcccc	ctagcctgct	cctgatgggt	cctggggcgg	gggtgggcagg	tgggtggggc	480
tggaaacctcc	tttctgtttt	tccctgagtga	tccctcccca	ctggggaaga	gaagagaaag	540
gaggaagaag	aggaggagga	ggaagagaaa	aacaagaaac	tgagttggaa	gagggccctg	600
gagcaatcag	gacgtcaaaa	gtttgcattc	cgactagcta	taggaaatag	ttttttctc	660
tttttattat	ttcaagtttt	cataaaaatc	cataattatt	gaaacccaag	ttacagagaa	720
agttcgtaac	ttttttattg	aattattgac	tctgcgcgt	gtcggttcgt	cggctttcaa	780
ctccagtcgt	tcaatgcccc	tgtgtagggtg	gggtccccag	gtctgggctt	ctgaggtcct	840
ggtagaagga	gggcaggtgg	tgaggggtgg	cggggggcag	caggggacgg	aggcgggagg	900
gagaaagaga	acgtgtgtag	aagggtaggg	aggaggtggg	aaggactgga	gagtgagcag	960
gtggcggcca	ggcccccttc	cctgcccggc	cgcccggggg	tccctgcccc	ccgccccggc	1020
ctcatatcat	cttcatgttg	aacttgccgg	gcgcgtcggc	ggagctgatg	cctgcgtccg	1080
actttcgggg	cacatactcg	atctcgatgt	tgtgctttgt	gttgcccttg	ccccggctcc	1140
agagaaacag	cagcaccagg	cagaagagga	cgacgcccag	gaaagagatg	aagcccatgg	1200
tggtagcgat	gatgaggggc	ttgatgtcga	aggggaaagg	cacagtggcg	cgggtgctgt	1260
tggcctctcc	ctcgcggggc	tggttggaga	tgaaagcgaa	ggtcttggtg	ggctgatggg	1320
gccagtcggg	cgagtagctg	cgcacatgca	ggtgggcggg	catggagtgc	ttgccgcccc	1380
cgttgccgcg	gatgcacagg	tacgtgccgt	tgtcctgtac	ctgggcgtag	cgcacctcca	1440
gcgtgccatc	agggaagact	gtgagccgcc	ggacgc			1476

<210> 2845

<211> 2862

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(2151)

<223> similar to gi5262586 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2845

ggaataagaa	gacccttgaa	gccccagaag	gcatcagaga	taaagtatct	gactgggatg	60
agtttctgcg	gcagaccctg	ataggagcat	gtagtcctcc	tgttccgctg	ctagagggcc	120
tccgtaattg	gaggaatcct	ttagatctca	ttgctccagg	atccagacta	gaatgtcaag	180
ctttccagga	ctctttaagc	acttggattg	ttactgtagt	agaaaacatt	ggaggaaggc	240
tgaagctacg	ttatgaagga	cttgaaagtt	ctgacaatta	tgaacattgg	ttgtattact	300
tggatccatt	tcttcatcac	gttggttggg	ctgctcaaca	gggatatgag	cttcagcccc	360
cttcagccat	tagacatcta	aaaaatgaag	ctgagtggca	agagattttg	gccaaagtga	420
aagaggaaga	ggaagagcca	ttaccatctt	acttatttaa	ggacaaacaa	gttattggca	480
ttcatacatt	ctctgtaaac	atgaaattgg	aagctgtaga	cccctggtct	ccttttggga	540
tctctcctgc	tacagttggt	aagggttttg	atgagaagta	ctttctggtg	gaaatggatg	600
acttgcgctc	tgagaaccac	gcacggcgat	cctttgtgtg	ccacgccgac	agtcctggca	660
tcttccctgt	gcagtggagt	ctgaagaatg	gcctacacat	cagccccctt	ccaggctacc	720

caagccagga	ctttgactgg	gctgactacc	tcaaacagtg	tgggtgctgaa	gctgctcccc	780
agaggtgctt	ccctccgta	atctctgaac	atgaatttaa	ggagaacatg	aagctcgagg	840
cgggtgaaccc	cattctccct	gaagaagtg	gtgttgctac	catcactgca	gtgagaggct	900
cctacctgtg	gctccagctg	gaggggtcta	agaagcctat	acctgaatgt	attgtgagtg	960
tggaaatccat	ggatatat	cttttgggct	ggtgtgaaac	caacggccac	ccctcagca	1020
ctcctcgccg	agcacgagta	tataaacaga	ggaaaattgc	agtgggttcag	ccagaaaaac	1080
aagtaccatc	ctcgaggact	gtccacgagg	gcctgaggaa	tcaggagctg	aactccacag	1140
agtcagttat	gattaatgga	aaatattgct	gtccaaagat	atacttcaac	caccgttgct	1200
tctcagggcc	atatcttaac	aaaggaagaa	ttgctgagct	gcctcaatgt	gtaggacctg	1260
ggaactgtgt	tctggtcctt	agagaggtcc	tactttact	tatcaatgca	gcctacaaac	1320
ccagccgtgt	ccttcgggag	ctccagctgg	acaaagactc	tgtgtggcac	ggatgtgggg	1380
aagtcctaaa	agccaaatat	aaaggaaaga	gttatcgggc	tactgttgag	atagtgaana	1440
cagcagatcg	ggtgactgaa	ttctgcgggc	aaacctgtat	caaacctgga	atgcctgtcc	1500
taacctcttc	ggtccacgga	tgggtctgga	taagtgttct	gagaactgtt	ctgtacttac	1560
aaagaccaa	tacacacact	attacggaaa	gaagaaaaat	aaaagaattg	ggaggccacc	1620
tgggtgggca	tagtaactta	gcttggtccc	tgaaaaaagc	cagtaagagg	agaaagaggc	1680
ggaaaaatgt	ttttgttcat	aaggaagaaa	cgctcctctg	catctgttga	taatacccca	1740
gcgggcttct	tccccagggg	aagtgggggt	tgaaggatga	gggatgaccc	cagatgaagg	1800
ggatgattga	ttccctaagt	gaaggcagta	catccgagca	gcaggatgag	ctacaggaag	1860
aatcagaaat	gtcagaaaaa	aagtcatgct	cctcttctcc	cacccaaagt	gagatatcca	1920
catcgctgcc	tccagataga	caaaggagaa	aaagggagct	tcgcaccttt	tcattttctg	1980
acgatgaaaa	taaacctcct	tcaccaaagg	aaattgatgg	gcaggccctg	ttgctcctta	2040
cccttcccac	tgttcaagaa	tgcattggact	taaaattggg	ccctgccatc	aaactttgcc	2100
atcacataga	gaggatcaag	tttgcttttt	atgagcagtt	tgccaactga	gaaggacaac	2160
caaagtgagc	tggatctttg	aagcacaat	gcagcaaatc	cttcaccttg	ctttataagt	2220
ggagctggaa	tagtcctggg	gctctggggc	ctgcagggtat	cagcttgctc	tctttgcact	2280
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tgaggaaaa	acttatataa	gaagaaaagc	atttccagtg	gtgtggccct	gaaaacaaag	2460
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tagattgaac	tttggttctc	tgctttcttt	ttcttgga	gagaggactt	agctttaagt	2580
cagcactgat	ttgggactgt	tcctaaggca	tatcagtgct	tcattgtcat	tgtgttttta	2640
aactttttta	aattaaaaca	gttcattttg	gggatgatta	tgtggctcta	gggttttgaa	2700
tgtatagtca	cactttgatc	attttaaaat	cgattcttag	gagttccttt	gtttactacc	2760
tctgttgata	attgagctta	cagccatgta	tgaggttttt	tgtatgatgc	catttttaag	2820
ctacataaac	actaaaatta	tgacagaaaa	aaacaaaaaa	aa		2862

<210> 2846

<211> 919

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (920)...(50)

<223> similar to gi4324434 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2846

tttttttttt tttaaaatc ctcattacat ttatttacta gtgtgttaaa catatactag

60

atcgcgattt	ttaatctctg	agcctgtggt	ttgatcatct	tcatccgact	gctgctctga	120
gccttgtgaa	ttaatgtatt	catattcaat	aggcttcgga	taattatatg	ggtagccatt	180
gtcatcaaaa	aaccttcgga	aggtaaattc	atagaatgca	tggtcaggat	gctttccatt	240
tttataccat	ccattgagag	tgtcatttac	attttcttcc	tcgttatcat	cactccataa	300
tttatcagga	tcaacaagga	tcaaaatttg	atgtatctgt	tggggtggtg	tgattttagg	360
ggaattgttt	gaaagccgac	ctgctgtctt	caggtcactg	ggagaagtca	aattggtttt	420
aaaaaatggg	atgagctttt	atttcacacg	caccattctt	gcctaagcga	tcttcgggtc	480
ctcggcaaag	tttaataata	agatcagaag	cttcaggact	gagtttagct	tgtgggtgaa	540
tgtgaagaga	tgtttgccag	ttgataacct	tcatttgtgt	ttctaattgt	gtttgtgcca	600
agaaaggagg	ttgtcccacc	aacattttca	aaagaataac	accaacactc	caccaatcac	660
acaactgtgt	gtatcctggt	cgtagcaaca	cttcagggtg	aataataattg	ggagtcccaa	720
ccaaagaatg	tgctagacat	cgtctggtgt	ggcgtgcagc	tctccgctct	aatggcttca	780
gtctgtctcc	acatcgacag	cttgagggat	ccccccattc	attactgaaa	tccatgctat	840
cttgccgtgg	atgggtcacca	ctctgatagt	acttagaate	gtgtgtccat	ctgaagccag	900
tcgagaggcc	aaagtcagt					919

<210> 2847

<211> 1204

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1203)...(142)

<223> similar to gil017722 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2847

tttttttttt	ttgacttcaa	acatcctgca	acctttaata	tatatcatgt	tgtgtgagtt	60
ttaacacatt	tgggcttgca	tttgttctac	aatgtgtaat	atgaaaagtt	tatcagcaca	120
actagactga	attattcctc	acataaatcc	ttgggatgtg	ttacagtttt	gatccttggt	180
taataggctt	caacatggca	caaaatatac	aaggatgttt	acacattttg	atgtcttagt	240
agttgtgaga	cctaaatgaa	gcctctgcca	cacagttagg	gggtatatgg	atttctcttt	300
agcatggact	ctgatgtcaa	tgaatgcttg	aacttgtgat	gaagggtttg	ctgtactccg	360
taagggatcc	tctcaaggaa	tgaaattctc	tgatgctgtg	taggagtga	ttgtgactgg	420
aaaaccttgg	ccacatttat	tatactggaa	tggtttctct	ctgatataaa	ttctttgatg	480
actcacagga	tttaaacctt	gactgaagac	cttgccatat	taatttcttt	tataagggtt	540
ctccttagta	tggataattg	gatgtctgaa	gagggttggg	cgcacactaa	aggacttccc	600
acaatcacta	catttgtaag	gtttctttcc	agtatggatt	atctgatgtc	tagtgagggt	660
tgggctgcaca	ctaaaggatt	tgccacactc	attacatttg	taagggtttt	ctccagtatg	720
gatgacctga	tgggtagtta	ggcttgaatg	cacactgaag	cctttgccac	attgattaca	780
tttgtaaggc	ttctctccag	tatggatgac	ctgatgggta	gttaagttcg	aatgcacact	840
aaaggctttc	ccacactcat	tacacttgta	aggtttctct	ccagtatgaa	ctctccgatg	900
actcgcaagg	tgtgaattgt	aactgaaaac	cttaccacat	tcattgcatt	tgtaagggtt	960
ctctccagta	tgaattctcc	aatgccttgc	aaggcttgaa	gtctgactga	agactttacc	1020
acattcatta	cacttgtagt	gtttctcccc	agtgtgaatt	ctctgatgag	ttgcaaggct	1080
tgaagtctga	ctgaacacct	tgccacattc	attgcatttg	taagggtttc	tgccactatg	1140
aattacctga	tgggttggtta	gtgttgacct	cacactaaag	gctttgccac	actctttaca	1200
tgtg						1204

<210> 2848
 <211> 1873
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1164)
 <223> similar to gi4263748 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 2848
acgggcacaac ttgctat tttt tattagaggt attgatgatg aatataatgt cactgaagaa      60
atcgaaatgt caccatgcta ttaaaagaca caactaaatc aagagattta tatgaagcag      120
tgaaaaatat gttaaagcaa ttttctttgt cctttgtaaa catatgtgat atagctacag      180
atgctgccct ggcgatggta ggtaaaagag agggacttgt acaattaata gatgatgcag      240
ttgccacaca aaactcacat ttgatgaagt attattgcat aatacatcaa gaaaatccat      300
gtgcacaagc tttaaaagta gataacgtca tgcaaattgt catcaaggct gttaaattca      360
caagggccca ggaattgaat catcgctagt ttcaggaatt ccttaaaagt atggatgctg      420
actctagcaa gtcattcact ttttagaagt aagatgggta agtcaaggca aaatgtaaag      480
attttatgct ttgtgatgtg aaatcaagct gtttatggta tcaaacaaaa ttggtgccag      540
aacttgacaa tgaaaactgg cttacagatt tagcattttt agtgggtttg acggcccatt      600
taagtgaagt aaacctgtgt cttcaagttg aaaaccaact taacaataca atgtttcaaa      660
ccataacagc attccatatt aaactgaaat tatggcaagc tcaaattaag gcaaacaatt      720
ttatgcattt cgacatgttg gctaaacatg gtcctgtgaa cagccaaaaa tacgcagcct      780
tgcttttcaa tttgatacag gaatttgaaa acagggtattt caagatttct gaaaaaatca      840
tcaatatttt ggtatatttg caactccatt ttcagtcgac atatatatgt tacctggcaa      900
ttttgaaatg gaatgcctag agctgcaatc tgatgttcaa cttatagaaa aattttgattt      960
tgctctttta ctggactttt gtaagacctg tcttcccaat gacaaatatt ccttgcttca     1020
caatcacacc ttgttcattg cattgctttt tggcagcact tacattttgt agctactatt     1080
ttcaaggatg aagaacacga agagtaaaat tagaaccaaa atatctgatg agcaccttga     1140
gaactcactg agaattgcaa ctacttccat caagccagat actgatggat tagttttctca     1200
aaaacaatgt caagtacccc actagtttta tgttgggtctc ttttctttta taataaaaaa     1260
tatcaaaaaa gtagtgaagt ttagctagat atgtacattt tctgtatcag tgattgcaa     1320
cttggaaacct gttcaatgat tttgaaagac cctctgaaat gggccagtgc ataattagga     1380
ttattatgca aggacatttt tgcttatctg tggtggtaga tatataatga aaactataca     1440
cagaccattt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtat     1500
tttatgtgtg gccacgcaca cttcttcttc cactgtggcc caggggaagcc aaaagattgg     1560
acacctctgc ttttaattctt atcaaaaatta tggcaggttt gttttagtag acttacaagc     1620
ttattctgaa tttttatgga aaggcaaggg acaagaaaag ctaaagccat tctgaaaata     1680
taaatcaata aagtggaaag aattgcctta tatgatgtta agagtactg tacagctact     1740
agagtcacca cagtgtggta ttagtggagg agtaaacaat aagaaataga ttcacaaaat     1800
atactcagct gagttttgac aatatgccta cctttccaaa atgggtgttg aacatttgga     1860
cagctcatag ggg                                     1873

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<210> 2849

<211> 803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (59)...(716)
 <223> similar to gi1504034 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2849

agcttggcga	cttgggggcc	aggggccctg	gggctgaagg	gtccagggct	gtgggcttct	60
gggggagcct	tcagagcttg	atcaaggaaa	gggattaggg	gtaggggatg	acaggggtct	120
gtggctggag	ggagctggga	tgcaggaaat	ggcttttggg	tcgggtattc	agggcctcgc	180
ttccccctgag	tcattctttc	cacccccctg	ccgcacgtgg	acccaagggtg	aggaagtctg	240
ccctgagcca	ggctctcgag	gtccccggcc	tcgccccgc	gcggggcctt	agtgtctctg	300
cccaccgaca	gctctgggtg	gatcgcccag	tggcgctgt	ccgtgttttg	gcgcccccta	360
gcagcggcgc	agttgcgcct	gtttcgatag	gcgagcggat	tggcgccccct	ggttgccgga	420
gcaatccctt	aggcctgggt	ccctgccgcc	tggagcctcg	gctcctcgca	gtcaggtggg	480
ttctgggggt	gccagcaggc	tctgagagtg	ccggccgcgg	ggccctcgca	gcttgccctgc	540
tgcagtcgga	gctggtaaac	tacgagcgcg	tgcgcgagta	ctgtctcaag	gtactggata	600
aacatcaggg	caacttcaag	gccacctacc	gtgccggcat	tgctttctac	cacctgggcg	660
actacgcacg	cgcgtgcgc	tacctgcagg	aggcccgag	ccgggaaccc	acaggtgagt	720
ggcggagcgc	gccacacgag	agggctgggc	ccacggcggc	gaaaggggct	gcagcggaag	780
gaacacgccc	tatgattagg	gcc				803

<210> 2850
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (131)...(337)
 <223> similar to gi182201 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2850

ttttgcttgg	ctcttctcat	tctgaagtct	aaatcctact	cgctcttctc	ttcaaggcca	60
cgctctccat	taaacccttg	gtgatccctt	accacaccac	aatagataac	cttacttgca	120
ctcatgaatc	ctactcccag	aactgcccc	taaccgaacc	gcacctatag	taccagtacc	180
ctgtgcaagc	tgactctggc	atctcaactg	actacagctc	aagggactcc	cagggagccc	240
caaggggctt	attcgatggg	ccctaattcc	accctatttg	aaacaagcct	aatccaaccc	300
gctaaccctt	tgccccaca	caatgtgcct	tgctctaaga	acaccagcct	gcaaata	357

<210> 2851
 <211> 867
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (868)...(461)
 <223> similar to gi558846 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2851

ttttttttaa	gtttatataa	ctttattata	agtattaatt	tgtttgaatt	aagtttatat	60
aactttaata	taagcattaa	tttgtttgaa	atataaagta	ttataaaata	ttgtaattaa	120
gcttacagat	aattttttaa	atatatacat	tatgactaat	ataccaaaat	tatttatatg	180
tacacattta	tatttaatac	ccaaagaaaa	tttactacca	cattgctaca	gtagatatta	240
acctgacatg	tttattaatt	gacacctatg	gtataattat	aggtcagcat	aattttacag	300
tctattcttt	tattttacta	aattaggaat	gccactattc	ccggacaaat	aaatgcaggt	360
gatgtggcca	ccaagaatc	atagtagctc	ttcagtttagc	tatcttgcaa	tctctgatat	420
aattctacta	tgtgaataga	gtgaattcca	attcttcac	aaaaagtgc	ggtggaggtt	480
gtcaggtgtg	ttccagtata	gattcccaat	ccaacggccg	gcagatggga	gagcagcaga	540
gatggaaatt	gtgctcagaa	taagccctct	ttctcataat	acttgatatt	ctcatgctga	600
gagtagctgt	gcacttttgg	tgtttagaga	agaacttctt	tggaagaata	ttttctggtc	660
aatttgacca	atgttacatg	taactctgaat	tagtctgtaa	gattctttca	acctcttttc	720
ttctctcaat	acgggtttac	tcagactgag	agctgtcttt	ctcttcaatg	ctttgggaat	780
tcagtgcctt	gtgtctaagc	ccctattagt	atcacatggt	gtctgtgagt	gaggggggct	840
gtcaccgtga	gaactcctgg	agctgct				867

<210> 2852
 <211> 2367
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(2368)
 <223> similar to gi5419887 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2852

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ctaaacaagg	aatgagcaa	agtaagaaga	caccaattga	gaaatctgat	tttgctgctg	120
ctacacatcc	tcgtgctttt	tacctcagta	aaccagatga	aactccaaat	gcttggatgt	180
ctgattcagg	aacaggattg	acttactgga	aactagagga	aaaggatatg	caccactctt	240
tgccctgaac	tttagagaag	acgttcatat	cattgtcttc	cacagatgtg	tcaccaaacc	300

aggtcctgac	tctagatcct	acgttacaca	tgaagccaaa	gcagcagatt	tcagggattc	360
aacctcacgg	ccttccgaat	gcccttgatg	acagaatatc	cttttccccg	gactctgttc	420
tagagcctag	tatgtctagt	ccctctgaca	tagactcatt	ttcacaagca	agtaatgtca	480
cttctcagtt	acctggattt	ccaaaatatc	cctcacacac	aaaagcttct	ccggtggact	540
cttggaaaaa	tcagacattc	caaaacgaaa	gtaggaccag	ttccacgttt	ccgtcagtat	600
ataccattac	tagtaatgat	atctcgggtc	acactgtaga	tgaagaaaac	actgtcatgg	660
ttgcttcggc	ctcagtcagt	cagtcccagc	ttccaggtag	agccaacagt	gtcccagaat	720
gcatttcatt	gacttccttg	gaagatcctg	tgatattgtc	taagattagg	cagaatctga	780
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gtttgaaaca	gaagctggag	gcaaaagaaa	tctctggagt	tgaagattgg	aagataacca	900
atcaaattct	tgtagacaga	tgtggccaat	tagatagtgc	tttgcatgaa	gctactagtc	960
gcgtgagaac	acttgaaaat	aagaataaact	tactggaaaat	tgaagtgaat	gatttgagag	1020
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gaacaagcag	taaagaaaaa	gacaatacca	tcattcgact	aaaatctaga	ctgcaagatt	1140
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ctagctgaaa	cagaacgatt	ttttgatgaa	cttacaaaag	aaaaggacca	gattgaggca	2280
gcactaagca	ggatgccttc	tcctggagga	cgaatcactt	tacagacaag	attaaatcag	2340
gtgaaatgtc	ttagcttgaa	tctgctt				2367

<210> 2853

<211> 2078

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (51)...(1056)

<223> similar to gi5262640 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2853

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atctccggaa	gcagatgcag	gatgcgtttg	ctgttccaag	cccaggcgca	gtgagacctg	120

cgtcttgtgg	cagaagatgg	tggagagcca	gcggcagaga	cgtgctgggt	gagttcgagc	180
gtcttcgccg	tttgctggca	gaggaggagc	agcagctgct	gcaggaggct	ggaggaggag	240
gagctggagg	tgctgccccg	gctgcgggaa	gggcgcacac	cctagggcca	agcagagcgc	300
cccacctagc	tgagctcatc	gccgagctcg	aagggccgct	gccagctgcc	tgcgctgggg	360
ctgctgcagg	acatcaagga	cgccctgcgc	aggggtccagg	atgtgaagct	gcagcccca	420
gaagttgtgc	ctatggagct	gaggaccgtg	tgagggtcc	cgggactggt	agagacactg	480
cggaggtttc	gaggggacgt	gaccttggac	cgggacaccg	ccaaccctga	gctgatcctg	540
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gagcgctttg	accccggccc	ctgcgtgctg	ggccaggagc	gcttcacctc	aggccgccac	660
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gggtcactgc	tattcatctt	tcccagatc	cccttctcgg	ggacgctgcg	gcccctcttc	960
tcacccctgt	ccagcagccc	gaccccgatg	actatctgcc	ggccgaaagg	tgggtccggg	1020
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cctccaggcc	actgagtgtt	ttggccactt	ggaggacctg	ggaggaggga	gtgtgtcctt	1140
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cctggggcat	acagaagaag	gcaggagtgt	attttttgtgt	tgggtttggg	gtttctttgt	1980
cctcaaggta	ctgttctgtt	tctctttacc	cctctgcttt	atttattgta	agcattccca	2040
cgtaaataa	acttttgctg	ttgtctacaa	aaaaaaaa			2078

<210> 2854

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(26)

<223> similar to gi433816 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2854

ggcagcagct	accacaacag	tccactaccg	acgacgttta	tcgtatctat	agagggccat	60
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agtctcctac	tcacgacgcc	taccgttacc	tattcatgac	cactagcgca	accatacagt	180
cccctaccca	tgagccctgg	cataacccta	caatccccta	ctcaccacac	ctagcataaa	240

cctacagtcc	cctacccatg	acccctggag	taaccctaca	gtcccctagt	cactacacct	300
agtgtacta	accatacagt	tcctatcca	tgacctctg	cggaacccta	cactccccta	360
ctcacaacc	ctagtgtaac	cctacagtct	cctacccatg	acccctggg		409

<210> 2855

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (972)...(947)

<223> similar to gi4589592 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2855						
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tgattttct	ataaggcatt	aaagaatagg	catcagggac	tagttagaat	ttgaacaaaa	180
tgtatttata	acacttttta	ttggtggaaa	ctcaactttt	attctgggtt	aagcctctag	240
ataaaaatc	aagtctgcca	aactattatt	ccccccacct	tttctttccc	caactatcaa	300
gaccattcta	ggaagtacgt	cactctacca	aaaatgattg	agttgtgttg	ggcctgggga	360
aaaagtcggg	caaaaggagc	ctttcttggt	gctgctgata	gttagggttc	tccaccaccg	420
cactttgagc	tcgactagag	tcgccatggg	gtttcatctg	tctttgtggg	gccccacagg	480
tggtccacat	ggttccactt	tcaggctgtg	ccaatagggt	gtacgcagat	tatttcgact	540
caggggcgtc	ggtgaggagg	aggagagcga	gtcgggtgcc	actgggcacg	gtttccagaa	600
gttctgcttt	tgaacacctac	actcgggctc	ctctgaggat	ttcttccaca	gatcttggtg	660
tttcagcaca	tgaatggctc	gtgctgatcg	gatgaagagt	tcgtggtggt	ggattgcgtc	720
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gccaaatttc	agttgaaagg	atggtactgg	acccaggcct	cataagtagc	ttgtcatcaa	840
gatctaggag	cttgctccatt	agggagagat	ttcttggtcg	tagaggcatt	ccatgaacca	900
agagatcatt	cacatttggc	tgatgtctgc	ttgcttgaca	gagactcatc	ttagactgtg	960
gcactcgcg						969

<210> 2856

<211> 1683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (571)...(785)

<223> similar to gi3882211 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tggatcacc aagccctggg agaaatgtgt atagaaacac cccacgggtg tgaaacaggg      180
aaaatgggtc atttactgag caagtcccat ttgtgctttc agtatcacat aatcatttaa      240
ctgttagaag tcagcatgtg tggtagctca cagacacagg ataaaggagt gtttccccta      300
ggcagtaaga gaaacctttc aaggaaataa tgtacctggg tatcagagga cctaagacct      360
aagttctagt tctagctctg ctataaacia gtcttgagat tctggtaaaa gaaaggctctg      420
gataagatga cctttttaaa gtgctttaca atttaaaaat tcttgatatt cttagtagga      480
tgaagccata ttatcccaca agtgcttgcc tgaatttctt ttttaagggt ccaatttttag      540
tagacattcc attcctcctt agagaagaac attcttcaac cctgcagatg acggagggct      600
aatctgcctt cccctgcttc tctaaccttc tgttccactc cttgccccac agtatttttc      660
tgacctaaaga aacagtattg tgaacagcca gccaccggag aagcagcagg ccatgcacct      720
gtgttttgag aacctgatgg aaggcatcga gcgaaatctt cttacgaaaa acagagacag      780
gtgagtataa agcgtcctgc ctagaaatct cagacaattg ctatttttca aatcaacgaa      840
acaggcagtt gctttaaagt ctttgacatc tgtgtttgga ggccatctaa agcaatgcaa      900
tccaatagaa aagtgaagcca tgttaaacag gcaaaattca ttttaataat atattttatt      960
taaccattg tatctaaaat attgtatcag tgtgtaatca gtattttaaa attgtgggtt     1020
ttcacattct ttttgtaacta ctttccaaa atcctgtgta ctttacattt aacagcatat     1080
ctcagttcat acgttttcat cagaaatact tgatctgtat ttagatttca taaatttaca     1140
gttgacaaag tagattcctg taatacccag attgtttcaa acacacctag ggactttcca     1200
gtaactgcat tgagtatctg ggctttgcaa ttaactttta aattttattt aattttaatt     1260
aatttaaaac aaggcatttt aatttaaaat taagatgcag ttggggagct gaatgttaaa     1320
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gggcaacttc ctacttctgt cagtgaagatt tcttttgtgc tgccatgagc ccaaggtagc     1560
cctcagggcc ccagatttga ccagatctct aagccaactt ttctcttaga gtcttaagac     1620
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taa

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<210> 2857

<211> 4279

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3530)

<223> similar to gi3327188 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2857

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catcacagaa acattgcaac atattatggt gctttcatca aaaagagccc tccaggacat      180
gatgaccaac tctggcttgt tatggagttc tgtggggctg ggtccattac agacctgtg      240
aagaacacca aagggaacac actcaaagaa gactggatcg cttacatctc cagagaaatc      300

```

ctgaggggac	tggcacatct	tcacattcat	catgtgattc	accgggatat	caagggccag	360
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ctggacagga	ctgtggggcg	gagaaatacg	ttcataggca	ctccctactg	gatggctcct	480
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actggagctc	ggagctgcac	cgagggcaac	caggacagct	gtgtgtgcag	acctcatgtg	3660
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tttttcttac	tccaaaataa	atcaaggctg	caatgcagct	ggggctgttc	aaattctacc	3780
atcagggtgct	ataagtgttt	gggattgagc	atcatactgg	aaagcaaaca	cctttcctcc	3840
agctccagaa	ttccttgtct	ctgaatgact	ctgtcttggtg	ggtgtctgac	agtggcgacg	3900
atgaacatgc	cgttggtttt	attggcagtg	ggcacaagga	ggtgagaagt	ggtggtaaaa	3960
ggagcagagt	gctgaagcag	agagcagatt	taatatagta	acattaacag	tgtatttaat	4020
tgacatttct	tttttgtaat	gtgacgatat	gtggacaaag	aagaagatgc	aggtttaaga	4080
agttaatat	tataaaatgt	gaaagacaca	gttactagga	taactttttt	gtgggtgggg	4140
cttgggagat	gggggtgggt	gggttaaggg	gccccatttt	gtttctttgg	atttgggggtg	4200
ggggtcctgg	ccaagaactc	agtcattttt	ctgtgtacca	ggttgccata	atcatgtgca	4260
gatggttcta	aaaaaaaaa					4279

<210> 2858

<211> 341

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(334)

<223> similar to gil049301 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2858	
ggcacgagac	tcatcagcca attcacacag gagagagacc ctatgatgca atgaagggtca 60
acaagctttc	acccaaaaga caggtctcag taagcatcga aaaacttgcc atgcaagaat 120
gaaatcttat	ggatacagtg gatgtgggaa ggttttgtcc tgtaagtcaa ctctcattat 180
ataacagaga	acctatacag gtgagaaact cctcaaatgt agcatgtgta ataaagccat 240
catagttaaa	tcctgtctca ctgtacatta gagaattcat acaggagaga aaccatataa 300
atgcagtgat	tgtaagaaag cattcgctac tttgtaaact g 341

<210> 2859

<211> 335

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(267)

<223> similar to gil90634 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2859	
ggcacgagat	taccattcag gagaaaacct ctacttgccc tgcttcgagg actctaacct 60

accagcagaa	tattcttggga	caattaacgg	gaagtttcag	ctatcaggac	aaaagctctt	120
tatccccac	attactacac	accatactgg	gccctcccc	gctctgatcg	caactcaccc	180
actggcatgc	aaagctccaa	attcatgaca	gtcaacgect	ctgctccttc	acgaccatga	240
catcttcctg	gccttaatcc	attatagtag	ccgtgacccc	ctctctcgct	ctcatgaata	300
ctgccccaca	gccgctttca	ctcttcctcc	aaccg			335

<210> 2860

<211> 1391

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1389)...(270)

<223> similar to gil262142 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2860	
tttttttttt	60
actgctcaaa	120
ttcattttact	180
gtaagagtct	240
cattcaccac	300
tcgctgataa	360
ccatgcaatc	420
ataatcggcc	480
tgaagcttta	540
tttttggtgt	600
agggcttttc	660
tcctcggaat	720
tgggaatgga	780
ataggttttg	840
tgtgtggcca	900
tgcaaaagtcg	960
ggagcctgca	1020
tgtcgaatct	1080
gtttcttttaa	1140
taagggaacc	1200
tatgccagac	1260
gtcttctggt	1320
cacacagact	1380
actctcgtgc	1391

<210> 2861

<211> 3111

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3112)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3113)...(55)

<223> similar to gi2887497 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2861

tttttttttt	ttcaaagctg	tcacgtttat	tcgcttaaaa	tacctaagtc	ctcagaagca	60
gcagggctgc	tngtggaggg	gctgcgcct	cagtgcctcc	gtgccttcc	ccgcacggcc	120
tgcaccagca	gctccagta	gtgttccagc	agggcctgca	ggtctgggct	ggccaggggg	180
tacagcgtcg	gtgtggacgg	gggtcctggg	ctggctcagag	cctgggctgg	ggccacacta	240
gtccccacca	ggcattcagc	ctccagctgg	ctgtggatcc	acaggaaggt	ggagaccagc	300
tcagtccgtg	cctgctgctg	cccgggtgtc	acctggccac	tggagaccaa	cacacggtaa	360
aggtcgaggg	cttcttgga	ggtggtctgc	agcctgtgca	agatgttccc	cacccgagg	420
tgggtccag	gagggaggca	gtgccgccag	ggatgccagg	ccgggcctct	ggaagctggg	480
ggttactggg	gtgggcagga	aggccagggg	actcaggagc	tgggagactt	gggcgaaagg	540
cagagccgtg	gagcctcagg	gcgctctctt	ccacagggct	aggggctggg	aagctcactg	600
cagggacggg	gacgccaggc	tgggtatcca	cggggggcag	caggagccca	tcacaggcac	660
ttgacagggg	cagtctcagg	ttggcccggg	cctcgtgggt	gccccaggaa	cgcagggcag	720
gctcttgggc	ctcactgtcc	aaactgggtg	ttgtcgcggg	ggtgatggcc	tgaagctcct	780
ggcccaagga	ggccagctcc	ccaacggacg	atggcctacg	gaggggctgg	gccagtgtgg	840
ccacgatagg	gccctcactg	tcaccgaggg	agatgctgcg	tgatatcctg	gcacggggagc	900
tggcagtggc	ctccatgtag	gaacagggtg	agggggcatg	gacaccctga	gccaggcctg	960
gggtgggtgc	agatgtgggc	gttgggagat	tccctgtctg	ctgggcagac	acggagggaag	1020
cagggacaca	ggacgccagg	ctcgtaaggc	agggagggtg	tgggcgccag	gcctccaggg	1080
tctcttcagc	cttccctgca	gcgaggacgt	gggtcctgtc	tggggaggcg	tagccagtac	1140
ctgctctggg	ctggcttccg	cctcgtcca	tgagcttgac	ctctggagac	ttcacaaggc	1200
actgggttgc	ccggggaggg	aaggatggg	tgaacctgga	tgccttctgg	aggcttgaga	1260
ggaactgcgt	ggagatactc	aggcgtgggt	tgaagaagtg	gtcttcagct	tcagaggcct	1320
ccacgtctcc	cagagctctg	cagggggact	cagtcagtgt	ctcaaagtgg	tggcggagga	1380
acttctcctg	ctccggagtc	tggggtaggg	agctgctggg	gacgctgggt	ccctcgggca	1440
gggacagetc	atcttctgtg	ggaccctcag	gcgggctctg	gtcctttggg	ctgtcggagg	1500
acaccctgag	gtaggagtcg	ccctgctggg	ctccaggccc	ggcctccacc	tccttctctg	1560
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gtgaatccag	aatggagttc	tccagactct	cgggcttcat	gggggtaaag	tagcaatcca	1740
ggtcctgggc	atccaggatg	gtcttgaggg	gctcttggcc	ggcccgtctt	gcccagcggc	1800
cgtggggctg	gtagctgcgc	ttggcgtgga	aggccaagcc	atctgccaca	tcactgtccc	1860
ctagcagccg	ctttgccac	agtggcagct	tgcggttggg	tagcaggcaa	cgaggattgt	1920
gtccccagca	tactccatg	gggccctggc	agggactcat	ccctctgggt	gacaggcagg	1980
ggctgccagg	acctgggggt	gccactccgc	ttcttgtcat	ttgtgtgctg	ctgctgctgc	2040
cggtggtcaa	tctccagcaa	gtgctgcttc	atgcagttgg	tgatctccgg	gcccagggtgc	2100
cagatgaaca	cgcagctgtc	tccagatact	gtgatcaagt	gatgacagtc	ataggtgaac	2160
ttcatgctgg	taataatttc	tgcaaaacaa	gcagagaggc	tgcacttgcc	ttcggagtca	2220
gaggggtgtg	gcgggtgggg	aggcatccca	agcagagagg	cacacccacc	tgaatggcca	2280
aacatcttgg	caatgcactc	gcccagagtaa	aagtcaatca	ctgagatgct	tttgtcagag	2340
cagctggtgg	ccaggaaggt	gcctgagggg	tccacatgga	ccttcagcaa	ggacccttcg	2400

tcaccctggg	agcccttgta	gcacttcttc	tgcttcccg	tcacagtgtt	gtagactctc	2460
acattgcggt	cctggcaggc	cacggccacg	tacttctggg	tgatgtcaat	gtccatgtca	2520
tacaaggtgg	ttttctctgc	tacgtggtgg	gtacggacaa	agtgtagtcc	atccgaaccc	2580
tgctgggcac	tgcgaaagta	gatgctcttg	tcagccccac	agctgatcat	ctggatgtct	2640
ctgttgccag	cgaacttgat	ggcgggtgat	gaggaggagt	ggcatccag	cgtctgtctc	2700
aggtttagt	tcttctccac	gttcagcaca	tggatcagcc	ggccccgact	ggctgaggcc	2760
agcaaggtca	gccctgtctc	tggttggag	tactccaggc	acagcacctc	agcatcatgg	2820
gcctccacct	tgaccagctc	gtccatgaag	tgacgtcgt	ggatcagccc	ctcattccca	2880
atgggcagca	ggaggtgcc	aggccagggc	ttctgcccac	tgcctgaga	acctgagctg	2940
gagctgggag	gtgtacactg	gacactgcc	gggccactt	gcctcagatt	tccacttcgg	3000
tcgcctgaag	ccaaatgctg	gccgtcagga	ctgacctgca	tgaccgcac	cccggcttcc	3060
acgtccatgg	gtgtccatt	ctcgtcccc	cggctctggga	agtgtgacat	t	3111

<210> 2862

<211> 2849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (170)...(2300)

<223> similar to gi2702418 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2862

gggcccgcga	aggacccgct	gcggcacctg	cgcacgcgag	agaagcgcgg	accgtcgggg	60
tgctccggcg	gccccaaaac	accgttgtaa	cctgacaagg	tggtggcaaa	cggggtaagc	120
cgggaactcg	gggcccgcg	ctcctacgtc	ttctcccgag	ttcaaccggt	atctcttcaa	180
ctgtggagaa	ggcggttcaga	gactcatgca	ggagcacaag	ttaaagggtg	ctcgcttgga	240
caacatattc	ctgacacgaa	tgactggtc	taatgttggg	ggcttaagtg	gaatgattct	300
tactttaaag	gaaaccgggc	ttccaaagtg	tgtactttct	ggacctccac	aactggaaaa	360
atacctcgaa	gcaatcaaaa	tattttctgg	tccattgaaa	ggaatagaac	tggtgtgctg	420
gccccactct	gccccagaat	acgaggatga	aaccatgaca	gtttaccaga	tccccatata	480
cagtgaacag	aggaggggaa	agcaccaacc	atggcagagt	ccagaaaaggc	ctctcagcag	540
gctcagtcga	gagcgatctt	cagactccga	gtcgaatgaa	aatgagccac	accttcaca	600
tggtgttagc	cagagaagag	gggtcaggga	ctcttccctg	gtcgtagctt	tcattctgtaa	660
gcttcactta	aagagaggaa	acttcttggt	gctcaaagca	aaggagatgg	gcctcccagt	720
tgggacagct	gccatcgctc	ccatcattgc	tgctgtcaag	gacgggaaaa	gcatactca	780
tgaaggaaga	gagatttttg	ctgaagagct	gtgtactcct	ccagatcctg	gtgctgcttt	840
tgtggtggta	gaatgtccag	atgaaagctt	cattcaaccc	atctgtgaga	atgccacctt	900
tcagaggtac	caaggaaagg	cagatgcccc	cgtggccttg	gtggttcaca	tggccccagc	960
atctgtgctt	gtggacagca	ggtaccagca	gtggatggag	aggtttgggc	ctgacaccca	1020
gcacttggtc	ctgaatgaga	actgtgcctc	agttcacaac	cttcgcagcc	acaagattca	1080
aaccagctc	aacctcatcc	accggacat	ctccccctg	ctcaccagtt	tccgtgtgaa	1140
gaaggagggc	cccaccctca	gtgtgcccac	gggttcagggt	gaatgcctcc	tcaagtacca	1200
gctccgtccc	aggagggagt	ggcagaggga	tgccattatt	acttgcaatc	ctgaggaatt	1260
catagttgag	gocgtgcagc	ttcccaactt	ccagcagagc	gttgaggag	tacaggagga	1320
gtgcgcagga	cggcccagcc	ccagcagaga	aaagaagtca	gtaccagaa	atcatcttcc	1380
ttggaacagg	gtctgccatc	ccgatgaaga	ttcgaaaatg	tcagtgccac	acttgtcaaa	1440
cataagcccc	gacacgtctc	tgtactgga	ctgtggtgag	ggcacatttg	ggcagctgtg	1500

ccgttcatta	cggagaccag	ggtggacagg	gtcctggggc	accctgggct	tgctgtgttt	1560
gtgttccacc	tgcacggcag	attcaccaca	cgggcttgcc	aagtatcttg	ctgcagagag	1620
aacgcgcctt	ggcatctttg	ggaaagccgc	ttcacccttt	gctggtgggt	gcccccaacc	1680
agctcaaagc	ctggctccag	cagtaccaca	accagtgcc	ggaggtcctg	caccacatca	1740
gtatgattcc	tgccaaatgc	cttcaggaag	gggtgagat	ctccagtcct	gcagtggaaa	1800
gattgatcag	ttcgctgttg	cgaacatgtg	atttggaaga	gtttcagacc	tgtctgggtgc	1860
ggcactgcaa	gcatgcgttt	ggctgtgcgc	tggtgcacac	ctctggctgg	aaagtgggtct	1920
attccgggga	caccatgccc	tgcgaggctc	tggtccggat	ggggaaagat	gccaccctcc	1980
tgatacatga	agccaccctg	gaagatgggt	tggaagagga	agcagtggaa	aagacacaca	2040
gcacaacgtc	ccaagccatc	agcgtgggga	tgcggatgaa	cgcgaggttc	attatgctga	2100
accacttcag	ccagcgctat	gccaaaggctc	ccctcttcag	ccccaaacttc	agcgagaaag	2160
tgggagttgc	ctttgaccac	atgaagggtct	gctttggaga	ctttccaaca	atgccccagc	2220
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agaagcggga	gctgcggcag	gtgcgggcgg	ccctcctgtc	cagggagctg	gcaggcggcc	2340
tggaggatgg	ggagcctcag	cagaagcggg	cccacacaga	ggagccacag	gccaagaagg	2400
tcagagccca	gtgaagatct	gggagaccct	gaactcagaa	ggctgtgtgt	cttctgcccc	2460
acgcacgcac	ccgtatctgc	cctccttgct	ggtagaagct	gaagagcacg	gtcccccagg	2520
aggcagctca	ggatagggtg	tatggagctg	tgccgaggct	tgggctccca	cataagcact	2580
agtctataga	tgctcttag	gactggtgcc	tggcacagcc	gcgggccagg	aggctgccac	2640
acggaagcaa	gcagatgaac	taatttcatt	tcaaggcagt	ttttaaagaa	gtcatggaaa	2700
cagacggcgg	cacccttcct	ctaattccagc	aaagtgattc	cctgcacacc	agagacaagc	2760
agagtaacag	gatcagtggg	tctaagtgtc	cgagacttaa	cgaaaatagt	atttcagctg	2820
caataaagat	tgagtttgca	aaaaaaaaa				2849

<210> 2863

<211> 1920

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1898)...(1868)

<223> similar to gill177607 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2863

ggcacgagga	gaaggctgcc	agtagaggaa	aggggaagaa	ttcccagggc	gaggaaaaca	60
cataagcctt	tgctgttgga	gctgtgtaaa	ttcaaggctc	ggccaggggg	ctgtgagatg	120
ccgtgtgtgc	ttggagcaca	ggaatgagaa	gtgaggtgag	gaagtggctg	ggccacctca	180
caaagggcct	caaattctag	gctgagaaac	tccgacttgg	tcctgagggt	aaagggggcc	240
gggagaatgt	tatgcatggt	gctgaagttg	cattcaacac	agctgtgaga	agcatctgtc	300
agggtcaggc	cagtgtggga	ggggaactgg	aggccagggt	accagatatg	gtggtccagg	360
tgagaaggaa	ggggccagaa	cttggcttgg	agaacggagg	tcagtgcctc	caggggggtg	420
aggtgatgga	acttggtgct	tgtctggctt	tggggagtga	gggagtgggt	ggaaatgggg	480
acgtccaaag	ttctagatgg	tgtggcaaga	attttgtcta	gatgggggtg	cttcctcatg	540
atcatgtctt	ggggttgagc	aggggttctc	tttggtgggg	agctgggtag	ggaggtaatg	600
cttcactttt	ggatggggcg	atcaaattca	ttcatgtatt	cattcaacca	atatcgaatt	660
gattccttac	cctttcctga	aagacctttg	atagattctg	agggtagaat	gttgaccagg	720
atggagctgg	gccttgagga	gtgggggaagg	caggcagtaa	cacagcaggc	agtagatcaa	780
cgaggccata	tcattggattg	tgctgtggga	tgtgaaggaa	atgaacagac	ggaggacgca	840

gagcagggca	cctcgagcta	ccacggtcac	taaaagctgc	tatgaccaag	tgttctgtga	900
gctgaaacct	gaaggccagg	aaggagtcac	tcttgtgagg	ggctgaaagg	aacatcacag	960
agaggggagg	agctagcaca	aaagctctcc	agatgggaga	ggctgggtgca	ctgggcaagg	1020
gaaagccagc	accatggtgc	ccagaaggga	aggcagctgg	ggggccagtc	tacgcagggc	1080
cttgcagagt	gtctgggttt	actctaaggg	cagaggggaa	ggttttgatc	ataacgcact	1140
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taggcaggca	ccaccacctc	tgcctaatta	ttattatcat	tttttttgga	gagacagggc	1260
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ttaaaaaatc	acttggaat	tgccataggg	aaggagggga	gaaggccagg	catggtggct	1380
catgcctata	atcccaggac	tttgggaggg	tgaggcaggg	ggatcgcttg	aggccaggag	1440
ttcgagacca	gtctgggcaa	cagggtgaaa	ccctgtctct	tctaaaatta	caaaaaatta	1500
gccggccatg	gtggtgcgcg	cctgtagtcc	cagctactca	ggaggctgag	gcgggagaat	1560
cgcttgaacc	tgggaggtgg	aggctgcagt	gagctgagat	catgccactg	tactcaagcc	1620
tgggcgacag	agtgcagactc	tgtctgaaaa	aagacacagc	aacaaaaaaa	acgagagggg	1680
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gtttgcgctg	gggtggcagc	ggcgatggtg	ggattacagg	gaagtgtgtg	gcttgctgac	1800
aggggtcatg	tgactgacc	cgggtgtggc	agaggcaggt	gctatcctgg	ccatcccgcc	1860
tgcggatgtg	tgacctcagg	ccaatcacac	gatctctttg	agctctgctt	ccctcatctg	1920

<210> 2864

<211> 642

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (376)...(352)

<223> similar to gil381091 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2864

tttcggtgtg	gctggctcat	ttatttaggc	aaaaccatca	gccagggtgca	gaatgcttgg	60
gtgcatatgt	gggtatgagg	gtaggtatga	ggtgcaaggc	cccacccatt	cttcgaggtt	120
ctctcgccctg	ccagcccctg	cccctgccct	ttcctcaagt	ctgggccctc	ctcccgtgct	180
tttcctgcct	cttcccccca	ccccgcgcct	cagcctcagc	caggagccgc	gcacgcagct	240
actcactctt	cctgtgcctc	aggactctca	cttctagggg	ccaagaggag	agaagtgaca	300
gcggagttag	gagggaaagg	gggccaggat	gagactggga	cagcagggga	cagggagcgg	360
gccagggaga	gcgggcgggg	gggaagtgga	gaagagagga	ggagcttttc	tgcccatctg	420
accctggctc	aggctgctct	ggggcccat	gagggtggtc	catcgagttc	ctggcttggc	480
tggtgcccct	gagggctggg	cagggccacc	actggctcta	gcccctagca	agggcctcca	540
ccttggcact	gggttggggg	agggcaccga	gccttggtg	tgctgggtga	gggtgtctcg	600
ggaagcccag	agtatgtttt	tctctgcctt	tagcctcgty	cc		642

<210> 2865

<211> 585

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (573)...(58)

<223> similar to gi5106779 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 2865
tttttttttt ttaggcattc aggtctttta atgtctgagg atgggggggaa gaagtcaatg      60
gtgaggcttc tctgggaaat tctgcaggcc ttgtagtctc ctaagcccct ctagcaacat      120
gtggatatgg gctttgatat tcatggagtc cttggtgagg ctgttgctga gccttatgaa      180
aacctatgag ttcaacatct gtgaggagag agctcttacg atcaatgaac ttgagagctt      240
ctgccagtgt caactccagg aaaaaacccat atcccagggc cacatagatg cgtgaagtat      300
ctgggaccac tgtgtcaacg aagaagttac agcccaaate cacctgcata tataactccg      360
agtgccttagc ttcttgaggt cgctcaatga cttttctcag ttgaaggatg ttggccagct      420
gctcatatac cttgtctcga tgggtccagca cttttcgcaa gtcccgtctg agcacgtcac      480
tgatgaaggt ctctagcgc agcactttct ccccgtggc ctccaccgcc cgccgcttag      540
ggggcgctgc catgatgggc tcctcaggcc gccagcaata agaac                        585
```

<210> 2866

<211> 1606

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1598)...(228)

<223> similar to gil575333 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 2866
tttttttttt ttctatttc aagggttttt attctgagca gtaggtacaa aaaataatga      60
catagttgtg tctaattctg tatagttcag gcaccctcca caggctgtca atctctgatt      120
tgatctactt ttaccagatt taacagatcc ttgaatttac tttactgtat atacttctt      180
cttgctcaca ttgggaatca aactaatgct ggaaacatgc atcttcagac ttcatgagg      240
aattccagat tgagacacgc tgggatgtgg attgagtcca tggtagaga agatggatta      300
aatggaaaca aaacaggaaa catgtgcttg gcatctaata gcagttgctg agggctattc      360
cgctcttgta gttgtgcttg gattgttcgt ataaaggcca ctgttaccg ttcttcaaatt      420
tcattcaggg gagtataaag gtttaaaatt ttgacaatct gctgggtgct gaggaggta      480
cacaggagac agatagcctc tgcgtcctcc tgggttttct tctttaattg caggagctgg      540
gctgcttgga tcagagggtc catggtctga actgctccac tctggtgaag gtttcttccc      600
cgaagccact cctcaagctg acttatattg tacctgagtt gcatgcctgt gctccaagag      660
cagacgtcct tccgcaggag caggctatta agagtcactg cgttgatcat gtagaagagc      720
tgtttgaaata cctgcaggat gatctcaggg tccaagccct ggacacacat gactgtatga      780
aaggcattca tctggcggat gatagcttcc aggcggtatg agttatcctc atctgccatg      840
ctggaggagt gcttctggga gccagtgggc ttcacaccag atagaccctg aatgctctaa      900
```

ttttccaaca	tggcagaaac	tatcatcggc	tgtaacacac	cctcggcaat	tttaatgagc	960
tgctggtaga	tctgaatgga	aaggtcacgt	caggcacctg	acggtattcg	gtgaggtcaa	1020
aattcttaag	acagtgttca	attctgcttt	gcagtgttct	gagtcatgaa	gccctcatcc	1080
ccgctgtact	gcttcagaca	gtgaagaagg	cgggcagggt	ttggataacc	agaatgacgt	1140
catctcaaag	tcatcattgt	gctttttcag	gactttctta	atgccgttga	tggtggaggt	1200
cagcagggag	tgcaccttga	gategtcgtt	gggtagtagcc	cgcgtgccgg	atgcacatgt	1260
agaggatgta	ggcggggaga	cagggcactg	tgcccagacag	catctggggc	ttcaagtctg	1320
tcaccaggtt	ccggatgagg	agggcctcgt	cctctttgtg	gtactccagc	atgccctgga	1380
aatccttctc	tttccgctgg	accgtgacct	gcctgttgag	ctcatggcgc	ttcctctcac	1440
tctgggccaa	tgccctggga	gcttctaggt	cctgggcttt	cttcatgtaa	atcttcagtt	1500
gctttttgag	cttccctctca	ttcttttcca	gcttttctac	cagttcttta	aggtccagat	1560
tctcgttggt	cagccgggat	atttctgtct	gaacgcgcgt	cgtgcc		1606

<210> 2867

<211> 1297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1192)...(259)

<223> similar to gi3879274 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2867

actgagatcg	tgccattgca	cttcaggcca	ggcaacagtg	caagactccg	tttcaaaaaa	60
aaaagaacat	aaaccaagca	ttttttaatc	tcttaccacc	tcaggttcag	actagacaga	120
taaaaaattc	cctgggtgga	ctctaagaac	ctacatttgc	aaaacaacat	ttattctttt	180
aaaaaatcta	tatacattgc	catacaaaga	taccacattg	aagcagttct	caggaacctt	240
ccagtgaacc	ttctcttata	attgcccagag	caagatttcg	tgccagagaa	agtctcagca	300
tttccacctt	gggtggtctct	atgtcatcat	cctggagctg	ctcggtatca	gattctccat	360
gcacaggtct	tcttgacgtc	aagtccctcca	gacaccgcat	caactcataa	gtctgttctg	420
ctgagaaaat	cacctgtttc	tgttccaaaa	ggggcaaggc	atctgtcagc	agagtcatec	480
agaaagaccg	aggggcaatc	cgagacgtca	tcaaggacag	aaggagagaa	gctgcgtcgg	540
caaaacgctt	ctccccgtac	atacgggtgga	actcgcgata	ctttcccagg	aatgtcagtc	600
ggtcactgag	catcatggct	ggccccaggt	tgtcaatgag	atccaaatca	gaaaagcagc	660
ctcgctcaca	gtaatccctg	aggaacctgt	ctgacacgag	cgtggcaaag	gcggcatcct	720
tagcacggat	gctccaagag	agggcagaac	ccaggcgatt	gttgcgagacg	gctttcatgg	780
ctaagatctt	acaaatgctg	cgaacttggt	cagtcattctg	ccgctgctca	cagatccgca	840
gcaccttcag	ggctttctgc	tcggtgttca	gaggtatccg	ctcaatgtgc	agctccaggg	900
agactcggcc	cagctcgggg	cagtaatcaa	agtaatcgac	ccccagctgc	cacaggctgg	960
gtagagcaaa	cagtcgccgag	gcgtactcca	gcaggaggaa	ctctctcatg	ttggaaccga	1020
aatagaggtt	gtgtgactgg	aggagcttgc	agtgggtccag	caggtctgtc	aggtgggcca	1080
caaaccacca	gttgctcagg	gcgatgcttt	tagctcgata	cttttgaggg	acttgaaggg	1140
caccaggaaa	ctgccgacat	cttgcccaac	tcccagtgaa	gtgcacccca	gctgtttcct	1200
cttgccagac	agcaaggaac	tggcccgctct	tcagaggaag	ctgtaagcca	ggagggaaga	1260
agggaccctg	tggaggactc	ctgccatctc	tctgtgcc			1297

<210> 2868
 <211> 1059
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (709)...(571)
 <223> similar to gi2995384 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2868

tccccctcctc	ccgcccacgc	cccgtctccc	gcccccgag	ccccgcggac	gctacgccgc	60
gacgagtagg	agggccgctg	cggtgagcct	tgaagcctat	ggctttgggc	ccgggtggga	120
gccgccgcag	gtgcatgata	ttgggtgtga	gtagcaaata	ttcaaacgag	aactttgaag	180
gcctgaagtg	gagaaggggt	ccatgtgaac	agcagttgaa	catgggtcag	tcggctcctga	240
gagatgggcg	agcgccgttc	cgaagggacg	ggcgatggcc	tccgttgccc	tcggccgata	300
gaaagggagt	cgggttcaga	tccccgaatc	cggagtggcg	gagatgggcg	ccgcgaggcg	360
tccagtgcgg	taacgcgacc	gatcccggag	aagccggcgg	gagccccggg	gagagtcttc	420
ttttctttgt	gaagggcagg	gcgccctgga	atgggttcgc	cccagagagag	gggcccgtgc	480
cttgaaaagc	gtcgcgggtc	cggcggcgtc	cggtgagctc	tcgctggccc	ttgaaaatcc	540
gggggagagg	gtgtaaactc	cgcgccgggc	cgtaccata	tccgcagcag	gtctccaagg	600
tgaacagcct	ctggcatgtt	ggaacaatgt	aggttaaggga	agtcggcaag	ccggatccgt	660
aacttcggga	taaggattgg	ctctaagggc	tgggtcggtc	gggctggggc	gcagagacaa	720
ctgcaaggct	tctaattggc	aatgctggaa	caatgacagc	aaggaataaa	taaagtata	780
tttaattata	acccaaagca	tactacagct	gttcatgata	ccatactgac	ataaataaat	840
tggtgaataa	attaataaat	ggagaagaaa	caaaccttcc	aggcagaaga	attccaaata	900
atgtatgtag	atgctgcaca	ctgagagaga	taaagcatag	ctccccactc	ctaagtgtgg	960
gctacacata	gtcactttct	gctcaagagt	acaggatgga	aaaaaggaaa	aaaagagtaa	1020
cattccaatc	acctgcacca	ttcaggtgat	cgaggtcct			1059

<210> 2869
 <211> 1386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1377)...(472)
 <223> similar to gi2887431 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2869

ttttacaaca	caagaaatgg	tactgaatat	atttgttaca	tctgaatca	acccaataga	60
cggatcttgt	aaacaaaata	gtaaggtaac	acttcaaaaa	cagatgaaca	atttatccac	120

caagaatgta	tatagtaagc	caaaaagctca	ctgtggaaat	acacttagca	tggttattag	180
aaaatcacaa	agagtaatgt	aacaagttac	caaattttat	ggatcatgttc	tgcttgataa	240
ttcaaatagg	atggatggta	gttacctagt	tttctaattt	tgtgttggtt	taacatctcc	300
attgattttt	aatgctttat	tttttatttg	aatttgctgg	ctggcagggt	tgctttgctt	360
aatacattga	ctgcaacacg	cttattgttg	tggtggtaga	ataagacata	cgagaatata	420
tatagaaagg	ccatatggag	gtttccatgg	aaagattctg	atactccata	actctgctgt	480
tcagaatttc	agctgattgc	ctgtagttag	tgacgcgaac	ggaacgctgg	tgccagggtg	540
tggtgctgca	gacacagtgg	taggtgtagc	accgtgcatc	atgggcacaa	tatttgaagc	600
gggtgccatg	cacagtattg	gccctgcagg	gataaatgcc	ggctgtggga	gctgcagggt	660
agtcagagcc	tggtggcagt	ggaaaacagt	gggattaaag	accgggggtg	caccattggg	720
cttttccagt	gctgatctct	ttggtatcag	ttgcagtgtg	ccaggctgca	gggccatggc	780
agaggcagct	gaatggttca	tctgatgatg	agctgccttg	agtctggctt	gcaagtgtgc	840
aggaggatga	aagtacttgc	atttctcccg	cgagcatcga	cctttgatgt	aatccatgca	900
gattgtcaca	gtattatcac	tcgcttcaat	catggaagca	tcagtagggt	gagcatagcg	960
gcaatcattc	ttccccacgg	gtacaatttc	cacgctgaaa	ttctcggcaa	acctccagtt	1020
tatctgaacg	catcagtttt	gggccaacag	ctcctggcat	tgcaagaggt	gggtttccag	1080
gaatcagaac	aggtgtatgt	ggtacaagtt	ctgcaggaac	gaggcccatc	ccaggatgtg	1140
gtatgtaagg	attgaaagcc	atgggaggat	tagctggaat	tgatggagtc	atagggaaaag	1200
aaccaagtga	tgacatttga	gcgttttgga	gcataagctg	catctgctgg	gcgaacatgg	1260
ctgcggcagt	cttctgttga	atcagattgt	tccgccatt	aatctccagc	tgcgttttta	1320
agtgtggagg	aggggtgaagg	tacttgtagt	tctctcgggt	acaccgacct	tgatcccacg	1380
cgctccg						1386

<210> 2870

<211> 875

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (43)...(660)

<223> similar to gi2842510 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2870

ggcacgagcg	acgctgggtca	gaaacatttt	ggggctactg	tgtgcaagtc	ttgtgggtatg	60
atatatactg	cttccaaccc	tgaagatgaa	atgcagcatg	tacagcatca	ccacagggttt	120
ctggaaggaa	tcaaataatgt	gggttgggaag	aaagaacgtg	tagtagcaga	gttttgggat	180
gggaaaatcg	tggtggttct	gccacatgat	ccaagctttg	ctatcaaaaa	ggtagaagat	240
gtccaagaac	ttgttgataa	tgaattgggc	ttccagcaag	ttgttcctaa	atgtccaaac	300
aaaataaaaa	cttttctttt	tatatctgat	gaaaagagag	tagttgggtg	tttaattgca	360
gaacccatca	aacaggcatt	tcgtgtcctg	tctgaaccaa	ttggtccaga	atccccaaagc	420
tctacggaat	gtcctagggc	ttggcaatgt	tcagatgtac	cagaacctgc	agtctgtggg	480
ataagtagaa	tctgggtttt	cagactgaag	agaagaaagc	gcattgcaag	acgactgggt	540
gataccctca	ggaattgctt	catgtttggc	tgttttctca	gcactgatga	aatagcattt	600
tctgacccaa	caccagatgg	caagttatgt	gcaaccaagt	actgcaacac	ccctaatttc	660
ctcgtatata	attttaatat	ttaaagctga	tttcagttat	aaaggagtta	ctatctggat	720
aagttcaaag	agctccttat	tataaaatac	aaactattta	ataaatatca	aaataaaaaa	780
tacccgagac	tcacactcat	acacacacac	acacacacac	acacacacac	atatcacagt	840
tttggttctt	tatgagttga	aaagtcagga	ataaa			875

<210> 2871
 <211> 1519
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1520)...(293)
 <223> similar to gi3876636 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2871
tttttttttt ttgagctttt gatcatttta ttcacaaaat ataagcgaga cttacatccc      60
tttctggtga aagttttcaa ataattttat gggtagggcc ttgagatgta tcaattataa      120
aacatgttaa aatgaaaaca ttttttaaat ttacaaatac aaaccaatac tttatacaag      180
aattctctat aaagttcgtc aaagtaaaaa ataatttggt tcaactgaat ataaggcatg      240
tccagtttat gtcattttgt agaattatth ttgttttgct ggagactttt ctcttcgccg      300
gtcctgattt ttctttgatt ctctggattg ttcagagtat ctgctagatt tttcccatcg      360
tctctcggca ccattttgat atctatcttc atcacttctt gagcctgagt gctttctatt      420
catttccttt gactttgatc tatcttttct tctgaaattt tcaactgtct taattcgggtg      480
tgtatgcttc tcattttcag aaaaagaatt tcttctctct cctctcttct ttttgggatc      540
accatgctta ttttccaaat ctatatgcat ttcttgggtc ctgtcattcg caactctact      600
gtagttattt cgttcagaag gaacatcttt gtctgatgtg tactttgtta taggatctct      660
ccaatttgaa ccacttgaat tttgatctct gtgtttttct gaccttcttt ctctctcagt      720
ccttgtttcc tgggtgccgt gttcttgtct tctttctttt tgtttcctat catttggttg      780
ctggtttctg atcaatttat ctacctcttt acttctggtc ttcccatgct ccttctttct      840
tacatcatta gctgaggcag agctatgact actgatggat gaagagtcgc tctcttcact      900
ggaagactct gaactgctat cactgctgtc agaatcagag tcggatgagt cagactctga      960
agaggaggac gctgaagagg aagaggatgg ggaggattta ttttgctcaa catctggttt     1020
ctgcgccaca atgacctttg gtgtatthtt gagatgctcc cgcagttcat ccgttaaacc     1080
tccaagacct atagaagtaa agaagttgat ggcaaaccga gtgtttcttg gattatctcg     1140
gggtaataat ccttcaaaga atggctgcag agtttcatcc tttaatcttg cattaagttt     1200
aggaagaccc atgtattcac acagttcctg gaaaaatatt ttgacaaaaa ttctactgga     1260
tgatgtagtg gtttcttcac tcagttttat acattcaaga aactccatg gaagtgaatc     1320
agtgtataaa aggtgagcaa acatcttagc aacatttcgc aacttgtttg tttccaagcg     1380
atggatggta tcatactgtt ctttgaatat accttcaaag gattccatgt actcctttct     1440
ttagcatgca aaatccgcc cagctattaa gccaaaaaat tttcgtatgt ctttggtggg     1500
cacaacaatc aagattcat                                     1519

```

<210> 2872
 <211> 338
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (331)...(105)
 <223> similar to gi31725 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2872
ggcacgagct ggaagaataa tttaaagatct ttttttgggt tttttttggg gggccttttag      60
caaaaaaaaaat taattattgg atggctggca aaaaaaaccc tacccttgaa ggcttggcat      120
aagggccagg gacctaaggg gaatcggggg gacggggcat gggccactcc agccccatt      180
tttgccaga aacccggccc ctagggggga aatttttgcc caaagggtt ggcaaaaccg      240
gccacaaccc ctttaccagg gacctgaaag tcttagggtta ccactggccc cttgacacca      300
tgcagtgact caggggggaa aacggccccc cgaaactc      338
  
```

<210> 2873
 <211> 5533
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(5534)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (5535)...(3751)
 <223> similar to gi5689507 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2873
tttttttttt ttctttgaat gtttactaag cagtcagaag gtgacttact ccattccccc      60
aagttccaag nccccagagc atagaggggt ttaaggggtt agggaggagt accacaggac      120
tgaagaggaa gtagagttaa gggcttggca agttgcccac tcctatccct cgggtctagct      180
gcctcagaac taaaggaggc ctggaactaa caagtcactc cccttcccag attaagatga      240
agccagctgg cctttggatg cccccaggga agaggtggtg gcagcagtgg catgagggat      300
ccctctgtaa ctcccacatg cccaggtcat ctgcactgga ttagatgtcc atttcaaatt      360
gtgcgtcatc gggatatctt tccctctgtc tctgtctcct ttcagctcct ccagcttggg      420
gagaggggct gttgggagga gttgtgacct cggaatctg agggaggcag caggggggtg      480
tccgggcaat gggtgagttc ttgactcca gcaagaacct ttctgtcgta gatgattctg      540
gtgcctctgg ttaggagagg ccaccatcgg cgttccaatt ctcttcttcg gtctgggttag      600
ctgaggtgat gggatttccc ctttgagagc agggactgaa ggaagcagac tggcctataa      660
aagggaagt cagcacactg tagccacaat aggtttaaag ggtcttaaaa cattaataat      720
tttattggta gcggaatttt attacattga acacaagttg aaataagtgg gtccagaaac      780
cttgatgatg tagtttcatt cctatagttt catttccactg ggtttgatct ataccttagc      840
aggatgtttc ttcacaactt gaaggctcac taaagatgtg caaggtcttc ttctgcctcc      900
actaaaatct caatactggc ccccataata atggcaggat ttatttcgat tccttatcag      960
aaccaatgct aggggctctc aaatctcagc actgtaaaca atctaattggc ttcaaatatt     1020
  
```

tccatatctt	atattctcat	tcacaagaag	aaatcctgtg	ttagaactag	aagactcttg	1080
agttcaat	cagatgagaa	aagtgaacc	cagaaagggtg	agatgatttg	cctaaggcca	1140
taaagcttca	agcggcagaa	atgaaaatag	aatttaggct	ctgactactg	actactgctc	1200
cactgtatcc	atgctgtctc	ctcccatatc	ccttgatatat	tttgaaagta	attaagttct	1260
tacctgagct	aggttttatc	caaagtgtca	ggttggtaaa	atagcagtaa	agtagtgcca	1320
ggaagaggca	ggcagaggaa	gaagagattt	agcagggtgaa	atgagggttg	gagcaggcta	1380
ctgggatcca	aatagtcaga	aagaaaggaa	ggaagtgtctg	gtaagaagga	agggaggagc	1440
gtatcctaaa	gaactactcc	caactataca	actggtgttt	tcctcccaat	tttcttaggg	1500
attcctcata	attatctcct	ttctcttcat	aaattctact	tactgacctg	aaataaaatt	1560
tctcatttgg	ttgtcctcaa	ggtgcagaat	atggacttaa	ggctcctcca	gacaattcaa	1620
atgtattgta	gacagttaag	atagaataaa	actcaccttt	ttgtccctact	gaataattta	1680
tttaatatata	tttctcacta	gtatatattt	catcaagagt	agtttctattc	atttcaccaa	1740
ttttagggtga	tttttcttgt	tgctgttaat	ggtaagtggga	aacagcaaga	tacacagggtg	1800
atccaaggag	tcttttgtgc	cccacccaac	tgccccca	aagggtcaagg	ggccccttaa	1860
tgatacttga	tgtggttatc	aatcactaca	aagtagtagc	ttcaataaac	aacactttca	1920
aaatccattc	aaaacaaaac	ataagacata	agcttaatta	aggaagcttt	ctcatatgta	1980
agatgatata	gaagattaaa	gaagcaggta	tatctgacac	agaacaaaca	tgggtgtgtct	2040
gatgtgggtcc	tggttttagg	acctgggcag	agaaaattaa	gaattcctgt	tggcataagt	2100
gtagaaaggt	gctgctaata	tagttctgtc	cctagttact	actctttctc	tgtgcactct	2160
tctttgcctt	catatgagtt	ttggcttctc	catcagctcc	aaacattttc	ttgttttctt	2220
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tgactatact	tttcagtggg	ataacttttc	cttctctatg	ctgattctcg	gcatagccta	2340
tggtttggcc	aaagcagccc	attccagggt	tcctctgttt	agcttggttaa	acatattgac	2400
tctccatgct	tagggccatg	gaactaagcc	tgggaattact	cacatattta	taaatattac	2460
tcagctgatt	caataatata	acagaatgac	aggagtcacc	tccttatgtc	ccaactcata	2520
taaagcttaa	aatatctata	accagacaaa	tctttcagat	aaaaaagggtc	aggaagcaca	2580
gaaggaacct	gaagttgata	atttgggtgt	ccctacattt	gttttagtgtc	atctgattta	2640
aatccaattg	ttcttattga	cattctcatg	atccatagag	aaaaaaccta	tcagtggcct	2700
atctgctagc	taaagtcaga	taagacacat	tgccagagct	tgaaactttc	tcatatgtta	2760
aaggattatg	gaagacaaca	agggacaag	gaatgtttta	cacagaataa	ataggtaaat	2820
agtcttaaaa	gtgctttttt	aaggcagctc	aagaagggtac	tcaagtgtta	aatgtgagaa	2880
gcctgttaca	aatatagtat	taaccatctg	gttcaatata	atgtggattg	agtggtagct	2940
gcatgaccac	tgaaaggatc	acacccctact	tctaaagact	gttcatcttt	ttattgaata	3000
ttctggtaaa	tatttcacat	taatacaggc	tacattacgt	agagccacta	tatgacaaga	3060
aattttactca	actttttcct	tttaagtagt	taaacaatta	tacatgtatt	tatcaccccta	3120
aaaggttcga	aacatgtaat	caactaattc	tcttctgcat	acaagtagta	ttctgggtatg	3180
tttagccaaa	aagcactaag	gtcatatgaa	tcttaagttc	aaaatgggct	aaactaccca	3240
gagaacataa	tcagggtgga	taggaaatca	atttgggtct	tatacatggg	ggcaatcaaa	3300
ttttccattt	gctaaaagcc	tcaggggaaa	atttccttaa	gggcacatta	aaaaaaaaaa	3360
tcccccatgg	gttcttccca	aggtcatagg	tttcttaaac	aaggctaaag	agtaaagacc	3420
ttctaactta	ggttgacata	tttgagatgc	atggttccaa	tatgagggtgc	ccacgtgcca	3480
ggccaaatct	gaaaagggg	aggaaaaatt	ggaatttcta	attaggaatc	tttagacagt	3540
tacaaaatga	atatataaat	gcaatggcaa	ttcactgttt	ctgccttagga	agaatacaca	3600
tatattaaat	aaagtgttca	gtagcatcat	cttgatattg	aaaaagcaat	ccagatcgaa	3660
atggtcaatt	atgacttttg	atattcagta	cttatacttc	tcacaaaaca	aaaagaatga	3720
tgtgacaaat	ctaaaaaaca	aaagagcatt	aagcccattt	tacctgctgg	gcatcagtgc	3780
attcagttga	atttttgata	acttttatca	taggggttcca	agcaggatct	ggattgtgaa	3840
gtccattaaa	cagagggcct	cctggaacat	cagcaagctg	aggatgagag	ggtattatgg	3900
tgctccata	catggaaatt	ggcagacctt	tagaaaaatc	cacaaaacca	cttgccatag	3960
gctgatgaaa	aatgttagag	ggggctacca	ttccagaatc	atctctctcc	attggctgat	4020
gttgggagaa	tgtgcttggg	tctgataatt	gttgatgcat	tggatgggtc	cccatcacag	4080
attgcgacca	acctgataag	ccttctgaca	cagcattgac	accaaagac	cagattccac	4140
tgtgtccaac	gggagcgaca	aaactgggtc	ccgccggggc	ttgtgcaaca	gacctctctt	4200
gccgaattcg	ggccagtctc	tctgttccaa	ttgggggagg	tatctttcga	tcttgactgg	4260
cactgactcc	ttttggttgg	cccaacgttg	gtggggcgaga	agtgggtgaa	agagggtgaag	4320
atgatcccg	agaaacagat	ggaataggag	agtcacatga	gtttgaggcg	cttgtccaag	4380
gatggggaga	aaaatgttgt	ctgttgaaac	taggagtccc	aacaggagct	ggcccttgca	4440

ggaaaaccct	tgttcttggt	atgccggaaa	aacttgccag	aggagcagaa	gaggaagatg	4500
gggagctgcc	tgatgggtca	atggatggta	acccaactgg	aactaattag	aaactcgcct	4560
gggaaaggtg	gtctgaaacc	caggtgcctt	tgagttatcc	agggtgccat	gttttccaag	4620
tgtcccaagc	cactgagtta	ccccaggaaa	cgctgacctg	aacagtgaaa	gagggcatctg	4680
tagcaactcg	tgaggacagt	ggaccatctc	cccagccctg	gttagctggc	acctgactac	4740
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gctgcattcg	atcgcaaggg	ggaaactcga	ggtgctggta	cagctaactg	aggtaaatta	5040
ctgggtgtct	gattatcagc	agcaaccatt	tctgggtgat	gtcaaagtca	atggagcagg	5100
ttctgagtta	gatgcaaaaag	gcattgacat	aggacttaaa	tcagacacac	tggatggctg	5160
tgccctcctc	tgtgtgttac	tgggaagtagg	agtgggacta	ctggatgggt	gagtttctgg	5220
agctcccggg	gtgttgctgg	cagagctact	gcaactgttt	gcagttgaag	atggggtaca	5280
taggtttgcc	atgggctggt	cctgtgtgga	cactttctct	ttggtgggtg	gcacagcaga	5340
gaaagactcc	atctttttgtg	aagaaagctg	tgcttgagga	agtacttgca	ggtaggaaat	5400
gtgggtgggg	agcttgcccc	gcttagtgat	taggtgcaga	gggagacaga	aggccagggg	5460
actacaagtg	cttgtcacag	aagaaatcac	tgttgctgga	ggacttgtct	taggcacaca	5520
ggcaacaac	tgc					5533

<210> 2874

<211> 676

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(251)

<223> similar to gi2853033 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2874

ggcacgagga	gaatactatt	cttaaagctg	ctgaagtgca	ggtcccacca	aatgagtag	60
taacacctga	agcaaaggcg	tttatttgac	gatgtttggc	ctaccaaaaag	gaggactgca	120
ttgatgcccc	gcaactggcc	tgtgaccccc	tacttgctgc	attatatcca	aaaattgggtc	180
tttgtgagta	gcctgtctgg	ggctgtctatt	gcatcaacct	ttgggtgtgc	caacagctgt	240
tcttcgaatt	gagactgact	ccaaggccac	aaactgttca	acacacacaa	agtggacaaa	300
tagcatttag	cagcaggttt	ggaacgtaga	gaatctgaat	ggatctgatg	aaacctgaac	360
caggtgctta	ttttgttgct	tttttcccat	ccactgagca	tgacagcatg	gattctcttt	420
aaggagaaac	catgggcagc	tccagccagg	cctcatagga	aaaggcccgg	catgaggttc	480
tggcgtaaat	ggccactgtg	tatggctgct	ctgagtggag	aaaaaactaa	aaagaaaaac	540
tggttccatg	tactgtgaac	ttgaaaacat	gcagactcac	gggggttctt	gatgcaatgc	600
ttcagatgaa	gattgtggac	ttgaaaatac	agactagaag	gccgggcaca	gtgggtcatg	660
cctgtaatct	cagcac					676

<210> 2875

<211> 1315
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1312)...(388)
 <223> similar to gi4929607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2875

tttttttttt	ttgaagttca	tcattctttag	acttaaggaa	ttaacaaggg	tcagggagac	60
tacaccaggc	tgagggttc	ttggttcctg	gagacatgcc	cagctacagc	aaacacaggg	120
aaacacgaag	ggggcagctg	gaagatttgg	tcttgaactt	gggggggtggg	taagtgatga	180
tccccacgac	tggagcagca	ggaagaagtt	gtgtctgagg	aagtgtctggg	ccgcccagag	240
ggacagccct	gccctggagc	ttgtcgccgg	gaggggaaggg	aaacaagccc	cctccctcag	300
tgctgaggaa	aaggcacttg	gctgggtctc	ctcctgccct	ctccccatcc	gtgggagaga	360
cggggtcctt	gcctccttgc	ccctttcagc	cgcccagaag	ccggtcctgg	ttcagcctct	420
ggaagaagct	tttgccgaac	tcataggtgc	tgatcatgat	ggcacaggag	ggggcagcct	480
tgatgatccg	aggaaggaag	cctgcaaaga	gtcccttggg	gcccgaactcg	gcccggatcc	540
tccgcagcag	cagccagggtg	gagtccacat	gcaggggggtt	cactctcaca	gcctccatcg	600
ctcccagagc	gacctggcgt	tgggtcttta	ccacgtcaaa	gggtagagtc	agcactgcag	660
ccaccgtccc	tgagatgcca	ccagccacaa	agctcatgcc	cacagaagtc	tggtccttcg	720
gcctgagccc	attgagccag	ctcttcacca	gctcatagtt	gaaccagtac	agggtctggg	780
gtggggggtg	cactgagaag	ggcacatctc	gaagggcagt	ggggccccag	cccagccaca	840
gtgagcgcca	gccaccctga	gccactgcag	ttcgaacaca	ggcaccagc	tcccggtagc	900
acacatgctg	agcctgcagc	tttgtccgca	taagctccag	ggggctgac	acagtcacgg	960
tgcccactgt	gtggggattg	ggggtgacaa	tggggagaag	tgagatcaca	ggtcttacat	1020
ggcatcacct	acctgctgtc	ccaggctctg	ggacctagaa	caccccccta	tccctaggct	1080
ggcagagggt	ggggctggga	gctgggactg	actgggtttg	ggcagagggtg	gggacagagg	1140
gaggtcaaag	gccaagact	atgctcacgg	cgggccagcg	cgccagccac	catgggtgcg	1200
tagaggtcag	aggtcagggc	tcgaccacac	aggaaggcct	tcagttggtc	ataggcagtg	1260
aagtagatgg	cggtagctgg	cacagtcac	accaggggtg	cggggagctc	gtgcc	1315

<210> 2876
 <211> 1218
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(858)
 <223> similar to gi340444 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2876

cccacgcgtc	cggccataca	aatgcaatga	atgtgataaa	accttcagga	agaagacatg	60
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cctcatacaa	catcagcgat	ttcacacagg	aaagacttcc	tttgcagtga	ctgaatgtgg	120
aaaattctct	ttgcgcaaaa	atgatcttat	tacacatcag	agaattcaca	caggagagaa	180
accgtacaaa	tgcaagtact	gcgggaaagc	cttcactaca	aaatcagggc	tcaatgttca	240
tcaaagaaaa	catcacaggag	agaggcccta	tggatgtagt	gattgtggga	aagcttttgc	300
gcacttgtct	atccttggtta	aacacaagag	aattcacagg	tagtcatttt	gggaaagcct	360
cttgccagat	gtaggccctt	aagatatctg	caaagaagag	taatttcattg	aatgcagact	420
acatggttgt	ttatttagtg	atcagttact	tcattgtttt	tgtcagagaa	aacatgtaca	480
aaacatttga	gaaaatattt	taggacatta	tgtctaaaaa	ttgtatactg	agaaaaatcc	540
tatgaatgtg	gcagactata	aaagcctttg	gtgggaagat	aaaccccttc	agaagtgatc	600
atagatcatg	aataaactac	taattcgttg	aaatgtaata	attataggaa	cgtctttgcc	660
caaaaataaa	acctcaacag	attgagagag	ttcacactgg	agaaatactt	tcctctggca	720
gtgaatgtgg	caggggtttt	agtaaaatgt	tttgcctcat	cgtgtgctag	gaaataatgc	780
agaaaaaaac	taatgaaaac	attcaatgta	gaagactttt	aggaaaacaa	cagagaattt	840
aatgaaggaa	agaagccttg	gcaaaatgat	ggatgagagc	tttctgtcac	aattctaacc	900
ttaacagata	atatgcctca	tgtgcatttg	ggaacaggat	agcttgagcc	atattcctag	960
ttgccttgtc	actgatttta	tacattttta	attgtgactt	cctctaatac	cgaactaaaa	1020
tttaatatgg	tatataatac	cggagtattt	tatgcctgcc	tcattttatt	atatgattag	1080
ctcctgcatt	tcttttagtt	taagtttgtg	ttatttcaga	ataactaaag	tacttcagaa	1140
tgaaactgga	tacagtatat	tcaattcata	agtgttaattg	accatacttg	aatatgttta	1200
agtttataag	taacatct					1218

<210> 2877 /

<211> 2113

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1376)

<223> similar to gi5360087 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2877

gagttacaaa	atatggacaa	agaagatgca	ttaatttgct	ttgaagaaca	cattcgggct	60
ttagaaaagg	aggaagaaga	agaaaaacag	aagagtttgc	tgagagaaag	gagacgacag	120
cgaaaaaata	gggaatcttt	ccagatattt	ttagatgaat	tacatgaaca	tggaacaactg	180
cattctatgt	catcttggat	ggaattgtat	ccaactatta	gttctgatat	tagattcact	240
aatatgcttg	gtcagccttg	taagattatt	ttctttccta	atttaccgtt	atggtagtag	300
ttgaaatggg	ccaaatgcaa	aggtgattgt	gttgggggaa	aggggtgctt	atttttgttt	360
tttaaacaac	aaagtaattg	cagctctttg	gttagagcta	gcttttgact	tcttttagttt	420
tttcattagg	atcaactgca	cttgatcttt	tcaagtttta	tgttgaggat	cttaaagcac	480
gttatcatga	cgagaagaag	ataataaaag	acattctaaa	ggataaagga	tttgtagtgtg	540
aagtaaacac	tacttttgaa	gattttgttg	cgataatcag	ttcaactaaa	agatcaacta	600
cattagatgc	tggaaatatc	aaattggctt	tcaatagttt	actagaaaag	gcagaagccc	660
gtgaacgtga	aagagaaaaa	gaagaggctc	ggaagatgaa	acgaaaagaa	tctgcattta	720
agagtatgtt	aaaacaagct	gtcctccga	tagaattgga	tgctgtcttg	gaagatatcc	780
gtgagagatt	tgtaaaagag	ccagcatttg	aggacataac	tctagaatct	gaaagaaaac	840
gaatatattaa	agattttatg	catgtgcttg	agcatgaatg	tcagcatcat	cattcaaaga	900
acaagaaaca	ttctaagaaa	tctaaaaaac	atcataggaa	acgttcccgc	tctcgatcgg	960
ggtcagattc	agatgatgat	gatagccatt	caaagaaaaa	aagacagcga	tcagagtctc	1020

gttctgcttc	agaacattct	tctagtgacg	agtctgagag	aagttataaa	aagtcaaaaa	1080
agcataagaa	gaaaagtaag	aagaggagac	ataaatctga	ctctccagaa	tccgatgctg	1140
agcgagagaa	ggataaaaaa	gaaaaagatc	gggaaagtga	aaaagacaga	actagacaaa	1200
gacgagaatc	aaaacacaaa	tcgcctaaga	aaaagactgg	aaaggattct	ggtaattggg	1260
atacttctgg	cagcgaactg	agtgaagggg	aattggaaaa	gcgagaaga	acccttttgg	1320
agcaactgga	tgatgatcaa	taaattatac	caaatatatg	tttacagtat	gatttaaagt	1380
ctgattcaga	ccagggactc	tattttaagt	tcaactgaaa	taacactggg	ttttaattat	1440
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aaattgaaag	taacttttga	ttctgtatca	agaatcatat	tttcatacag	tcataactgt	1560
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agcaccagca	actgataaaa	attgcttttt	tgtgcgtac	ccaactgggt	aaagccaatg	1800
tgatctttta	tggtgaaact	cctaagaaac	aggtgggttt	gctggaaact	tggtagaccc	1860
ttaattatag	tggtgcta	gagcactact	gtaataataa	gccaccatta	ttttttatca	1920
aacatctgaa	tacattttac	aaaggctatt	gtgagggcat	tattttgagc	atctattttg	1980
aggtgatgtt	taaaaaaact	ttaacatcaa	atcaaattgt	aaattaattt	aaatatattg	2040
ccttaaggac	ctactaaaga	atgtgccacc	agactttaag	tgatagttgc	aatatccttg	2100
tctaaaaaaa	aaa					2113

<210> 2878
 <211> 4352
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4353)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (4353)...(2201)
 <223> similar to gi3327204 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2878						
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ancaacaaga	gcacaaaaat	tcaactgata	cagaacaaca	actgaaattc	accaattatc	120
ccaatgtagt	ttgcaattac	ttttcagttt	cttaaacagc	tccccctcaa	cttttttttt	180
tttaacagtc	ttgctaattt	ttcagctgaa	acagcatcaa	gttttcaaag	aattaagagc	240
cctcggggag	gggaccccg	ttttcaagat	actgaaggtg	acatcaagag	tctcctccta	300
acagggacca	actcctatcc	taaaagttgc	ttacgaagta	acttgaatct	tgtgggttta	360
aatagtccta	catctccaca	gaccatccag	gggatgagtt	tagaacactg	ttggttggtg	420
gggtcccggg	atgaagagag	gggtaaacca	aataggctgg	catttgcctt	gtcaagctga	480
gccccatata	aagaaatcca	gtgaaggaag	ctgaggaaaa	tataggcaat	ggctggctcc	540
aataaggatt	accaagttcc	gaataccaca	tatagttaga	caccagtgtg	caagttgatg	600
caactagaaa	gaaatagacg	acttttttaa	atacctggcc	acaggtcttt	gagaactcaa	660
gcaacaatc	aacagtagac	acaagagtca	aaaatcttct	caggttgaag	attaggacat	720
aggtaatctt	cctaacggct	ccaacaggca	aggaaatatg	ctgtggcaaa	aagcattaag	780

tagttctgat	ttttaacgag	cataaacaaa	atthttctgct	tctcctccct	tcaaagcttc	840
aaggaaatag	aaacaaggaa	acaaaataaa	aacaaaaaaa	aatcagtgac	agtaaagaga	900
agcctttgct	tgaattatca	attcgaaaaa	cagtactttt	gccattttgt	atatataaac	960
aatcttgagg	catttctcctg	aaaactaggt	gtccagtgge	taagagaact	cgatttcaag	1020
caattctgaa	aggaaaacca	gcatgacaca	gaatctcaaa	ttcccaaaca	ggggctctgt	1080
gggaaaaatg	aggaggagacc	tttgatatca	gggttttagc	aagttaaaat	gaagatgaca	1140
ggaaaggctt	atthtatcaac	aaagagaaga	gttgggatgc	ttctaaaaaa	aactttggta	1200
gagaaaaatg	gaatgctaaa	tcctaggaag	cctgtaacaa	tctacaattg	gtccaagttg	1260
aagacaaaac	tgtccaaaca	acattttaaag	tctaaagtat	gttgaaaact	agttgcaaag	1320
tttttgctcc	tgtaaacaatt	tacaaaacac	gttcattttg	gtctcttttg	caattttctt	1380
attgtattca	tttttaatat	aaagagttgg	atthttctct	tctatgatgt	tcctctagta	1440
caactgatca	ttaattttct	acttttagcta	tttttataag	tacttggtta	tcagcacagt	1500
taacttgggg	ctaagccata	tacacacatc	ccatactcat	aaatgaaaat	ttttaggatg	1560
tgaatatata	agatattatg	taagcaactg	tccccctact	tgaaaacttg	tttccaaata	1620
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catgcaaaga	gttcaacaac	attcttctta	aaggtaagta	ttactcttta	aaatgggcat	2040
gttaaccaat	gagaaaaagt	ccactcaact	atthccatta	attacactgc	ttcatttggt	2100
catcggtagt	aaaaaaggag	tcaaataata	ttgaatcaac	aggttagttt	atccactggc	2160
tactgcatat	gacaccaa	gctgcaaggc	caacattcta	tgcaatatag	ttgtactgg	2220
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taagatcagc	aggctttact	ggaaatttca	actggttgta	cacttctgaa	acaaggagat	2340
tgtggctaa	tgtctttctc	atcttcataa	ttcgaacaat	tgagcatca	atttgatact	2400
gtctgtcttg	aaatactctt	tctgtagtgc	ttgctgttgc	ttcaaccgtt	tctttcatct	2460
ggatttgatt	gatctttatc	ctgaaaagt	tatgtttgaa	atcatcatta	caaataga	2520
tgtcaccatc	ttcaatgtct	ttgccctttg	gatttttgc	cagaactcta	gctttgccac	2580
aggctaata	ctgcagtggt	ctccttaact	ctccatctc	tattccagtt	gctgtctga	2640
tctcttctaa	actgaactcc	tctccctcat	taaacattag	cagcaccagt	gtttgaaaaa	2700
gagagacctg	gagttccttt	ttaccctctt	taaattctgc	ttttaacaca	cagtgtccta	2760
gggttgactg	ccactgaagt	ttcctgccac	tatgtttgcc	taggtaaaat	gtcttgaaaa	2820
tctcctgaag	ttttaccatc	tctggtggta	aatgaacttc	cataggcaca	tatgtcggcc	2880
aatagcccat	tgtcaggata	ttcacagtta	actcaatatt	tcccggaa	ttctgattct	2940
gcataactg	tttgaactga	atcatgatgt	ctttagaaag	ttccatgtct	ttaaaccattc	3000
cttcaagttt	gctggtgaaa	gcagctccgc	attcatgttt	aagtttgga	agcattgatt	3060
tttcagcatc	tacagatgca	ctctttccga	ctaacaggcg	cttggtctaa	tctttcttat	3120
agaaggcctc	aaaaacatcc	ttgccataga	taaatctaaa	tatgatcata	atthttatcca	3180
acattttctc	aagttcttca	tctgtagctt	ctttgttgcc	tgacagaagt	tttgaatcta	3240
cataacttagc	tataagttca	gctggtttat	ttggtctttt	gttaatgaac	gtttcaaatg	3300
cttctttcat	ggcattgata	aatttctcat	tcttcagaaa	gcagatatca	atttatgg	3360
caaccttata	tttaaaatcc	agcaattctt	gaacctgggt	tttatctttt	tcaggattaa	3420
ttacaatagt	gctgccaaat	gccttgatat	attagatcca	ctgctgcaaa	agaacctgaa	3480
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tgtttttcta	cagtagcaat	taatgacttc	tgggtggtct	gatctaagta	agtaataagt	3660
ctgtctgctt	cttcttctag	acgtttgtta	acatgatgta	gatattcagg	aacctctctt	3720
tcttgcattha	atthtttgcc	ttcagctgca	tagagccggt	tagtttcttc	caaaaatcgt	3780
tgttcaaaa	aatcttgata	aatttgcaaa	tcagacagca	tgtttaaag	gcttcgaagt	3840
aaacttctat	caattgcttc	accattctct	tccctctcaa	tcaagagaag	aatgccatca	3900
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atgtcccaaa	tggagggttag	cattgaattc	tgaagaacgt	aagttctatc	cagaaacaaa	4020
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tttaaaaaaa	gaacgctatc	caatgaatcc	tctctgaatt	gatgaatctg	tgttttgatg	4140
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agatttttcta	cagcctggta	gagttcttct	aaattgtact	taattgaagt	actattctga	4260
atagcttcca	ctgcttcttt	cagtttttgc	caggtttcat	ctgtgtagtt	ttctggtaat	4320
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<210> 2879
 <211> 5153
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5154)...(262)
 <223> similar to gill184692 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2879						
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cttttggcat	taaattgcaa	gaaaaaagaa	atacaaat	tcacaataaa	tttcagaatc	180
tgtttcttta	gtccaaatag	ttttttttta	aaaaagtctg	aacaggcagg	cagcagttca	240
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gggaatttcc	ctcacgtttc	attttcccaa	acaagaggca	gagattttct	agggaaagca	480
attattgggg	ttagggctta	aacttttggg	cagtttggtc	cactccaatg	atggtataac	540
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gaagccactg	ttctgcagag	acactgaggt	gctgaaactg	tttgtcgtg	atacactgaa	660
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taatgtctaa	atgtgataaa	actgctaaaa	acgtacaaat	gcttgtttta	agattttctt	1440
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atataataat	ccattctata	aaatatttta	tggatgcttg	attgttggtg	aaaaccagcc	1560
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actggcagca	gtcgcgccgg	caccagcgcc	gccgcgtcct	cggcaggccc	ggcctcatcc	4620
ccgtccccgc	ccccgcccag	cgccagggcg	acggcggtcc	ccgccaccgc	ctccagtagc	4680
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aagcgcagcg	tctccacgcg	ctccgcggat	gcctcccctt	ggcacagcgc	cccaagcagg	5100
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<210> 2880
 <211> 2142
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1851)...(1543)
 <223> similar to gi1872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2880

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agaagataaa	agaaaagatg	attctaaaga	tgatgatgaa	actgaagaag	ataacaatca	180
agatgaatat	gacctatgg	aagcagaaga	agctgaggat	gaagaagatg	atagggatga	240
ggaagaaatg	accaaacgag	atgacaaaag	agatatcaac	agatactgca	aggagaggcc	300
ctctaaagat	aaggaaaaag	aaaagactca	aatgatcaca	attaacagag	atctgttaat	360
ggcttttggt	tattttgatc	aaagtcattg	tggttacctt	cttgaaaagg	atttggaaga	420
aatactttat	actcttgga	tacatctttc	tcgggctcag	gtaaagaagc	ttcttaataa	480
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aacaccaaca	gtaaagcagg	aatcaaagga	tgtggaagaa	aatgttgagg	tcattgtgta	660
caatggtgca	atggttagatg	taggaagcct	cttgcaaaaa	ttggaaaaga	gcgaaaaagt	720
aagagctgag	gtagaacaga	agctgcagtt	actagaagaa	aaaacagatg	aagatgaaaa	780
aaccatatta	aattttggaga	attccaacaa	aagcctctct	ggtgaactca	gagaagttaa	840
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tgaaaaacca	atgaataaga	caatcagaaa	cttatctacg	gtaatggatg	aaatccacac	960
tgttctcaag	aaggataatg	taaagaatga	agacaaagat	caaaaatcca	aggagaatgg	1020
tgccagtgtg	tgataaaatc	catgtagtga	tgaggaatgg	tgtaaataa	tgtaatatat	1080
aaaaatcatg	atataagaat	gtttgaaggt	gatgcatggt	tgattttagt	agtataaatg	1140
tatttttagt	caaatgatgt	ataaagtttt	atgaatgtga	gtttctgctt	ttgaaaattg	1200
cttgtaattc	ctagccttca	aattattaaa	cactccttga	gtgaaataat	tttgcattgc	1260
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aatagcatga	tgcttaattt	ttgcaagttt	tttgaaactt	tttgtttttt	ttactcatca	1500
ccaaaaaatc	ccctcttgat	cagtctctaa	aagcattcat	taaaaattca	gttcaggccg	1560
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acactccagc	ctgggcgaca	agagtgaaac	tccatctcaa	aaagaaaaaa	aaaaaaaatc	1860
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ttatgggtta	gactttacat	aatattagtt	gtcctgatgt	caatgttact	gctttcaatt	1980
aatttttcta	ctttcccgaga	atagcatcta	tattcctttt	aattttgagg	gtttaaaaaa	2040
aaatgcagtg	tatgtcaaat	ttacagttta	gtaccaagcc	agtagatgtc	agtatgatgc	2100
cttaaattaa	gtcttcttta	attaaagata	tttttttaaa	tt		2142

<210> 2881

<211> 1327
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (86)...(1141)
<223> similar to gi2772914 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2881

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tggccctgaa	gtggggctct	ccccggcgga	tcctggagtc	ctatttcctg	tttaacttct	180
taggatcttg	ctcattgacc	cttgctgggg	cgaggctctc	tggactgaac	acaggccagg	240
agctccaagc	ccagcaggaa	aggtattgtg	aggcccaagg	ctccccacca	ggccttaagt	300
ccccagagag	gttccagagg	gttcagcgcc	cagacagaaa	aagctcgaaa	cttcctatac	360
aagccagagc	tctggagagg	aacagaccgc	acatgtcaga	gcccattaag	catttccatc	420
cagcctgaaa	aggccaggag	agtcaggcca	ccagggggcg	ccagagaacc	acaggagatc	480
caggaagcgc	ttgctaggac	caagctccca	gctcccagga	cccccaggcc	ggcagcggag	540
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gagattcaca	ctgcttcaca	gagggatctt	cagctgcaag	gtcactgctg	tactggggcc	1080
cacccttccc	taagacagag	agtccccccag	ggccaggagg	caccctggga	acccaaatgg	1140
ggctccacag	aatacacgag	cctccaaaaa	gtttagttatt	atgaagcatc	tgaatttttt	1200
tctcttccag	aatggcttta	aaaagtagac	tcaggccccag	agtcctcagg	acatatcaga	1260
aaagctttga	gagtgtcctg	atctctgcaa	agcctctaata	aaattgggtca	tttgggcaaa	1320
aaaaaaa						1327

<210> 2882
<211> 1502
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1145)...(629)
<223> similar to gil707154 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2882

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aaaacaatat	aaccaaaaat	tcatttggtc	cctttgttta	ggggtgtttt	acatttatgc	180
ataattttgc	ttttataaaa	gatgattggt	acaatcaggt	atacaactac	ttggttatgt	240
ctaagttctg	tctcttaaaa	tatgttcttt	tagagaattc	atttaatcat	cttattcttt	300
tcttcaattt	tctccaaaca	gtggtagaag	tactatttga	tagacagaat	aaagaaaatt	360
gtttttggcc	acaccagat	catactgata	tctacagcat	agtcctggct	acaggggagc	420
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atagtgctag	ctgttatcaa	aaattaacaa	ctttaggat	ttttgttttg	ggtttttgcg	540
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ctgtgaccat	tcgctctgaa	ttctgacttt	cagggcaatc	tttctttaaa	tgttccacag	660
agccacaaag	tttgcaaccg	ccaccatcag	catagagtcc	tttgggatta	tcaggacaag	720
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gagccgggtc	tacttttagcc	ttacacttgg	ttatttcgtg	ctctgtggac	ccacacctgt	840
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gaccaggttt	tctacaatgg	aaacacacca	ttgcattttt	ctttgcccgt	tgtcttttta	960
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caggcaaggg	tctcttggtt	tatgtggtac	taactcgggc	ccacctgggc	ataatttcat	1320
cagtggtagc	ttatcaattt	ttaagacaag	caggggtggt	tagccatcaa	caacaaaaac	1380
aacaaaacta	aagagacatg	ctatatcact	atatgtcaca	tatgcccata	tgttaaactt	1440
ttaattatta	aaacactttt	tatttcagtt	agatatctgt	atacatattt	aatgggtata	1500
at						1502

<210> 2883

<211> 1188

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1084)

<223> similar to gi5106956 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2883

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gggaactttc	taaatggaac	taatgccaaa	gcgtttgagt	taagctacct	cgagaagggt	180
ccagaagtca	aagacacagt	gcacaagcag	tcgcttctcc	accatgtgtg	caccatgggtg	240
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gcttcatggg	atcacctcaa	ggcaattgca	aaacatgaaa	tgaaaccagt	tttaaaacaa	420
cggatgtcag	agttcctgaa	agactgtgca	gagcgaatta	taatttttaa	gattgtccat	480
agaaggataa	tcaacagatt	ccactccttt	ttactcttta	tgggccatcc	accttatgca	540
attcgggaag	tgaacataaa	caaattctgc	aggattatta	gtgaatttgc	actagagtat	600
cgcacaacca	gggaaagggt	tttgcagcag	aaacagaaac	gggccaacca	cagagagaga	660

aataagacca	gaggaagat	gatcaccgat	tctggcaagt	tctccggcag	ttctccggcg	720
cccccaagcc	agccgcaggg	tctgagctat	gcggaggacg	cggctgagca	cgagaacatg	780
aaggctgtgc	tgaaaacctc	gtccccctcc	gtggaggacg	ccacccccgc	gctgggcgtc	840
cgcacacgca	gccgagcaag	ccgaggatcc	actagtctct	ggactatggg	aactgatgac	900
tgcgccaatg	tcacagatga	tgcagctgat	gagatcatgg	accgcatcgt	caagtcagcc	960
acccaagtgc	ccagtcagcg	agtgggtgccg	agggagagga	aacgatcccc	ggccaaccgg	1020
aaatctttgc	gaagaacctt	gaagagcggc	ctgaccccag	atgaagccag	agccctgcgc	1080
ttggttgga	cctctgagtt	gctgggtgtt	ccgttataag	ttattcctat	ataggtctca	1140
gtaaatgtgt	catttttttt	gttctatacc	tgttccgttc	ggtttctg		1188

<210> 2884

<211> 2201

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (110)...(1633)

<223> similar to gi3881665 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2884

agaaatgact	taatcgtctt	tttggcagac	cagaatgcac	ccgtattttta	aacccaaagt	60
aaaggtatct	ttcaagaatc	acagtgcat	gataacaagt	gtagtccctg	gggattatga	120
tgagattct	caaatggatg	tccttctgac	atatcttccc	aaaaattatg	ccaagagtga	180
attaggagct	gttatcttct	ggggacaaaa	tcaaacatta	gacctaaca	atatgaccat	240
actcaatagg	acttttcaag	atgagccact	aattatggat	ttcaatgggtg	atctaattcc	300
tgatattttt	ggtatcacaa	atgaatccaa	ccagccacag	atactattag	gaggggaattt	360
atcatggcat	ccagcattga	ccactacaag	taaaatgcga	attccacatt	ctcatgcatt	420
tattgatctg	actgaagatt	ttacagcaga	tttattcctg	acgacattga	atgccaccac	480
tagtaccttc	cagtttgaaa	tatgggaaaa	tttggatgga	aacttctctg	tcagtactat	540
attggaaaaa	cctcaaaata	tgatgggtgt	tggacagtca	gcatttgcag	actttgatgg	600
agatggacac	atggatcatt	tactgccagg	ctgtgaagat	aaaaattgcc	aaaagagtac	660
catctactta	gtgagatctg	ggatgaagca	gtgggttcca	gtcctacaag	atttcagcaa	720
taagggcaca	ctctggggct	ttgtgccatt	tgtggatgaa	cagcaaccaa	ctgaaatacc	780
aattccaatt	acccttcata	ttggagacta	caatatggat	ggctatccag	acgctctggg	840
catactaaag	aacacatctg	gaagcaacca	gcaggccttt	ttactggaga	acgtcccttg	900
taataatgca	agctgtgaag	aggcgcgtcg	aatgtttaaa	gtctactggg	agctgacaga	960
cctaaatcaa	attaaggatg	ccatgggttg	caccttcttt	gacatttacg	aagatggaat	1020
cttggacatt	gtagtgctaa	gtaaaggata	tacaaagaat	gattttgcca	ttcatacact	1080
aaaaaataac	tttgaagcag	atgcttattt	tgttaaagtt	attgttctta	gtgggtctgtg	1140
ttctaattgac	tgtcctcgta	agataacacc	ctttggagt	aatcaacctg	gaccttatat	1200
catgtataca	actgtagatg	caaatgggta	tctgaaaaat	ggatcagctg	gccaactcag	1260
ccaatccgca	catttagctc	tccaactacc	atacaacgtg	cttgggttag	gtcggagcgc	1320
aaattttctt	gaccatctct	acgttggtat	tccccgtcca	tctggagaaa	aatctatacg	1380
aaaacaagag	tggactgcaa	tcattccaaa	ttcccagcta	attgtcattc	cataccctca	1440
caatgtccct	cgaagttgga	gtgccaaact	gtatcttaca	ccaagtaata	ttgttctgct	1500
tactgtctata	gctctcatcg	gtgtctgtgt	tttcatcttg	gcaataattg	gcattttaca	1560
ttggcaggaa	aagaaagcag	atgatagaga	aaaacgacaa	gaagcccacc	ggtttcattt	1620
tgatgctatg	tgacttgcc	ttaatattac	ataatggaat	ggctgttcac	ttgattagtt	1680

gaaacacaaa	ttctggcttg	aaaaaatagg	ggagattaaa	tattatttat	aatgatgta	1740
tcccatggta	attattggaa	agtattcaaa	taaatatggt	ttgaatatgt	cacaaggctt	1800
ttttttttta	agcactttgt	atataaaaa	ttgggttctc	tattctgtag	tgctgtacat	1860
ttttgttcc	ttgtggaatg	tggtgcatgt	actccagtgt	ttgtgtattt	ataatcttat	1920
ttgcatcatg	atgatggaaa	aagttgtgta	aataaaaaata	attaaatgag	caggaatttt	1980
tgtgtccact	tgacttggtc	ttgcttctta	ttctaatagat	gcaaattata	cttttgtgaa	2040
tatatcacgg	agtcattagg	cattcagctt	catcacagca	ggtcaggggt	ctcactgatg	2100
gcatacaata	tagtgatcgg	gtactctgac	ttggtagcac	agtaagacag	acttgcccta	2160
aactccta	tcaaccactt	acaaagtc	at			2201

<210> 2885

<211> 3244

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(601)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2885						60
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aggcttaagc	agtcctccag	cctcagcctt	ctcaaagtc	taggatgatt	ggcatgagcc	180
acctcgtctg	gctgcagggt	ctttttaagc	atttgctgtt	caataataag	catcttcttt	240
atgcctagta	tttgtgataa	gagcacaaaa	caattttcta	atctcaaaga	gcttatattc	300
tagtggggta	gagataagtg	atttatcttg	gtgtagtttt	ggcttttttg	tttgtttttt	360
tgagacagca	tctcacactg	tgcgccaggc	tggagtgcag	tggtgcaatc	tcagcttact	420
gtaacctccg	cctgccagggt	tcaagcgatt	ctcctgcctc	atcctcccga	ggagctggga	480
tcacaggcgc	ctgccaccac	gcccggctaa	tttttttgta	tttttagtag	agacgggggt	540
tcaccatatt	ggccaggctg	gtctcaaaact	cctgacctcg	tgatccgcct	gcctcggcct	600
ccctaagtgc	tgggattatg	ggcgtgaacc	accgcacctg	gcctatcttg	gtgtttttac	660
atccttcagt	atttttcaag	gttttacagc	ttttttatct	atagacttat	accatcttca	720
aaagcaatac	aattttattt	gtagacgtga	tttccccac	caaatgcaca	ttttatggag	780
ctctaggaca	aaagtcagga	tgaagagtaa	tctatcgctg	gtgctacttt	aataccttcc	840
tgactgggtc	cactgggcta	attctagcag	tacgatgaga	gggccattaa	ggcctatctt	900
agcaagcaag	acattatagc	aaagacctaa	acactcaaag	gttcaacgtc	ttctagccag	960
ggaactattc	tctaattctt	ccaccttgat	atgatttcag	caaattctga	taacccggta	1020
ttactcttaa	tgcatttttg	taacatttga	caaacatctc	ccaatatgta	gactcccact	1080
ctcctgatgc	taatcagtat	cagacaatgg	aagtaaattt	tctgtctttt	ctcaactttt	1140
cctcaaattc	atgttagtga	agtactttca	tttggccatc	attatttatc	aaccttaaga	1200
aacatgccta	ttgacgaagt	aaatatacta	ggaattcaac	gtatctacgg	gaatgtggac	1260
aaagacatat	accaagacaa	ggcactagag	tgaagagcca	ttaaaataaa	atgctcagca	1320
gcaaaggatt	tgtaatgggt	aatttgcaat	atatccatat	ggtgtaatat	tacagtcatt	1380
agaaatgaca	tttgcgtaag	gatctgagtg	gaaactgata	cagcctgtcg	gagagctact	1440
gagtagtatt	ttatcacagc	tgcatacata	ccctttcacc	caacagttcc	actcctggga	1500
gtctagtcaa	caaattggaca	agttgcacaa	ccaagctatg	gtcaaatatg	tgtgtttag	1560
gatttatgaa	actggtacca	atttaatat	caaattgtgat	taagtcattg	caatctattt	1620
actggatact	ttgtgggttac	caaagagcta	tgtgctgcc	cagggagtcc	tttcaatagt	1680
gattgaaaaa	ggcagaacac	tactagacag	aactacctat	tttatgcatg	tattggcata	

cactgaaaaa	gcttagtcac	ttaaaatgag	gttgtagaca	ttgtagattt	tgtttttaaa	1740
cgctgtatg	gtttaaaaaa	tgttttggga	aatagacatg	agcagggcag	agaactacaa	1800
cctacaggcc	aaacccacc	ccactgcctg	tttgtagcgc	caacaagtgt	aaaatttttt	1860
taatgtttta	ggtttttttt	tttttaaaaa	aaatactatg	cccatttggt	tacaaatcgt	1920
ctgtgggtgc	tttctcacta	caatggcaga	attcagtagt	tgagacagac	ctatggtcca	1980
caaaggccga	aataatttact	gttttaggag	aaaaaaacaa	catgaattgt	aataacttgg	2040
acttacttgg	ttgctcagtc	ctgatgtgtc	ctgttaaaac	ctaagagaaa	cagcaccaag	2100
ttcaatctag	tgcaatcagc	ctatcacatc	taagctgctt	ttgccagatc	tgatatctac	2160
tcccgcactt	aagccaggag	actttgtaaa	cttactaggt	tataataaaa	cttaaaaaact	2220
atcgatattt	actaatctac	atcatggaac	tatttcaaaa	gcagtcatat	ggtaagatgg	2280
atcaggagtc	tttaaaaata	aaactgagaa	agaaaaatca	tgtgatcaat	tcagtagtag	2340
agacagaggt	tggtatcaag	tctatgttca	tacacttacc	agtgccaccc	agcagggcca	2400
tacaagacac	atgaaatgag	atcagctcaa	gggtgacaag	atgaaactgg	gagagggccg	2460
gggagacccg	aactcttaat	attggattcc	acacaagagg	aaaaatttta	gtccagctcc	2520
cagcatggca	gctaattggca	agttactcag	taccataaag	ccaactcttg	gaatatacct	2580
gacttccacg	ataaaatgga	gatgagtgca	ggggtgagtg	tatagttaag	aaaacaaaca	2640
atatattact	agtccagggtg	gtagatgaca	gattttttatt	atttacactt	ctctcaaatt	2700
attacattca	gcatgttttg	ctttttatgt	tattttaaagt	ataaaccttc	atataattcc	2760
ctaagatggg	tggcatgccca	agtagctaaa	tgaaatatca	tcccagccca	aaagtactta	2820
ttcgaatgaa	atattacatt	tttcttaaat	aaagcaataa	attaggtacc	ctattatcat	2880
ggtattttct	tttttgGCCA	gcttttctag	ataaggttgt	attgctactg	caactaacia	2940
aaaagatgtg	gcagggctgg	gcacgggtgg	tcacgcctgt	aatcccagca	ctttgggagg	3000
ccgagggcgg	cagatcacga	ggtcaggaga	tggagaccat	cctggcccaa	catggtgaaa	3060
ccccgtctct	actaaaaata	caaaaaattg	gccaggtgtg	gtggcaggtg	tctgtagtcc	3120
cagctcctcg	ggaggctgag	gcaggagaat	cgcttgaacg	cgggaggcag	aacctgcagt	3180
gagccaagat	catgccacag	cactccagcc	taaactacag	agctagaaag	tggttagagc	3240
agcc						3244

<210> 2886

<211> 989

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(284)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2886

gttgggtct	cactctgtcg	cctaggctgg	agtgcagtg	cgtggatctc	tgctcactgc	60
aaagctccgc	tccgggttc	atgccattct	cctgactcag	cctccggagt	agcggggact	120
acaggcgcac	gccaccaggc	ccggctaatt	ttttttttt	gtatttttag	tagaaacggg	180
gtttcaccgc	gttagccaga	atggtttcta	tctcctgacc	tcatgatccg	cccacctcgg	240
cctcccaaag	tgctgggatt	acaggcgtga	gccactgtgc	ctggccaaac	gctggtaggt	300
ttgggagtga	gaccacatta	cattttaaata	tatttacaat	gttttctgct	ctattcttta	360
gtagactttt	cctcacgtgg	tcctacgcac	ttctttctaa	gtttattttc	atatagccta	420
tcctgtctca	caattttaaat	tgggatcttc	tatattctag	ttattatttg	taaataagaa	480
aactactgac	ttttttctag	tatattttct	cagaatagga	ttttctattt	ttctataaaa	540
tgaccaatgt	tatgaagctt	cgtaagtttt	gtcaaagtga	tacacacata	cagcaaaaaa	600

tcaaatagta	cagaagtata	aaagcaacaa	cctctgcctt	gccccttctc	caccttcagg	660
tccccttccc	agatacaata	atttttagct	ttttattttt	aattattctg	gttgttacct	720
acataactct	gggcaatatg	gaaaagttat	tgattttgta	tattaatttc	ataatcagtt	780
accttgatga	attctcttgt	ttctagtagt	ttttctttag	ggtttttaaag	ggatacaatc	840
ataccatttg	cagttagtaa	ccattttatc	tcctcttatt	tccaacttcg	tactgttttc	900
tcttgtctaa	tttgttttta	attggtgggt	acttctagaa	caagggttaa	taaaagtggg	960
gttggtgggc	gtccttattt	ctgatatta				989

<210> 2887
 <211> 914
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(915)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (9)...(471)
 <223> similar to gi56689 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2887						
atthttgtggc	gctgtatgac	gctatcatga	atgcaggcca	ggaggaggga	atcgacaatt	60
ttggaaccta	tgccatgaat	gccttacgcc	tggagaaagc	cttcagagcc	tggggggttag	120
agatgaactg	tgatacaaat	cctttggaag	ctggactgga	atattttgtg	aagttaaata	180
agccagcaga	cttcatagga	aagcaagcac	tgaaacagat	taaagccaag	gggctgaaac	240
gaagactggt	ctgcctcacc	ttggcaacgg	atgatgttga	tccagaggga	aatgaaagca	300
tctggtacaa	tggcaagggt	gttggcaaca	cgacatctgg	aagctatagc	tacagcatcc	360
agaagagtct	ggctttcgca	tatgtccctg	tacaactaag	tgaagtggga	cagcaagtgg	420
aagttgaact	attaggcaaa	aattcccagc	agtcataata	caagaacctt	tggtattgac	480
cgaaccacct	agaaaccggc	ttcagaagaa	aggggtgaag	acaaaacttg	aaaaaagcct	540
tccacagtca	ctgaataaga	ttgctntgcc	tgtcttgaaa	tatataacgg	ctccagggga	600
ttagggaacc	ggaattcttt	caaacgtcaa	gcctaatttg	atctaggaac	cttctgtaag	660
ggttctagca	gccgattatg	gatatggtac	atgcctttta	tgagaatgga	agatgtgttt	720
tccccatcc	accgaaaatt	gggtcgaaac	accttccact	atgggctctt	attgaaacgc	780
ggctgtggaa	aattattctt	taaaaaagaa	agtttgcggt	ctcttgggtt	ccgcggttag	840
gggcgtgcgt	gccccctggg	aggccctgt	gggcgggggt	gcgcccgcct	tttcggggcg	900
atggccgcaa	ctga					914

<210> 2888
 <211> 1950
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1887)...(919)
 <223> similar to gi4490733 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2888
 ggcacgagca caatgtttga tgctggtgca catatacaat acacacatgc acaacactgt 60
 gtctgcaatg atataatagg gctaccaaga ccaagagagt aaatatcaac ttaagaacac 120
 ttctaacttt agaatttcat tttattaaac atacttttaa aacaagcacc tcttggaat 180
 aaaagcaaaa acaaaaaaca aacaaacaaa aaccaacca aacaatagta ctccttccac 240
 tctatgctaa cggaagactt ctcacaccag ccagttaaac aatgaaattc ttaaacacgc 300
 agcctgctgg ggctgcatgc agagctaaaa tgcaggtgtg ctgacttctt ggagctggag 360
 cagaggaaaa catcaaaaag catatctgga atctatcaca gctttctttc ttaagcaaat 420
 aaaaatgcaa attagtttca taaccacaat tcaatttatc aaactttttc tgaagaattt 480
 tcatttaatt atgtatacat aacaggaaat aaaacttttt cacaacact ctcaaggctt 540
 acgattatca agaaaatgac aaaagtaaaa gcaggaggaa tattaacac atggcgggga 600
 ggtcaatttc cgtttctgct cttaaaaagt aaaaaaatca ccatataatt aagtacaaaa 660
 acctgcattg aatgacaact gctggtgtat ttacttgatc agaaatgaag accaagaata 720
 taataaagcc ctatgataat attcaccggg agcactcccc tcagtgtgtg tacactaaca 780
 gggtggcaaa gtttctggag cattagctta tagaaacaca ggagtccttg gttagctgca 840
 ttatatggaa cgttctcttc tgaaatgcac ccacgattca gtttcactta caaattgcaa 900
 actaaagtta tctcttcaga aaaatatctg tttggcatct cctggacttt gtccattgg 960
 acagtaggga cattttaatt tgctaccatt aaacatttta ttcagggcat ctcttgatat 1020
 aatatgacca cagaccaatt tcatgggtgg attgttatct gttgtttgct gacgaagaat 1080
 ggggcaggca aatatagagt gatacccagc acttttttac ccaagggtccc acttcaatag 1140
 gtaattcatc tttctggttc caaactccag tacactgcct ctgttcaatc acggctttga 1200
 tgtaattaa agctggcagc gccacacaac ctgctgagaa actgacactg agaggggact 1260
 ccacggagag cccaggagg gcacaagcat cccgtgtaaa gatgtcacag atatcagccc 1320
 actggtttgc atcaagtagg tgaacatatg gtgagttctc aatcccttgt ctcaggta 1380
 caaggcttcc catcaaaacc tgaatgtctt tttgatgatt tagggcaa at ggctgaaaat 1440
 ttttagcata ttgtaatgcc tctcgctgat ttgtggttcc acccattaac aagctaataa 1500
 aatacagtct gtgtagctta aattccaagg agctgttttg agctataagc atttcccggg 1560
 ttgacactgc ccactccaga gcaggtctca gaactctgac ctttaatgcc tctaatttc 1620
 tatttaactc cacaaatggg tcttctgac ttgggtctac agaaagacca gattcctgac 1680
 agagctcttc agccacatcc agcattcctt gtcgaaagaa gtgctccacc atcacctcat 1740
 tgagaagcct ttggctgtct gcctgccagc agccatctat tcccacactg ctaatgtcag 1800
 aatcaaaatt cttatcaatg gcttttccaa cccgagaaac actgctgtgg atgtctttgt 1860
 ggtcggaggc caatttttga acagtatcct ttattctttt acagcactgt gtcaaaacaa 1920
 gtgaaagtgt ccctgataat tcagcatctt 1950

<210> 2889
 <211> 1819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1821)...(1526)

<223> similar to gil230564 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 2889
tttttttttt ttgaaaagag acaataaaat gatttgtttt ttattcaaag ggataactgg      60
ataagtagat ttgttccatt cttgtgaaat actttttaaa aaaatacgac caacttcttt      120
gcaaatagca gacacatacc tcaactatga tgacctaat tttggtggat aatgtacatg      180
attaggcaga aataggcaag ctcacactgg tagattaact atcaaatact cagtcaaaac      240
tccgtttgtg gccccactt cttgategat ttctattccc acttcgtctt ctaccatctt      300
gtcgacttcc tgagcgactt ccttgctgac tctgtctacc tgaccggccg ccagatcgac      360
cacctgaccg gcctgaccgg cctgatcgac cacttgacca gccactcctc tgtctggaat      420
tagaagatgt gtttccatca taatattctt caatttcagg taatttggct ggcactgaga      480
gtatccagtc ggaatcatgc cactctgcct gtaacctttc tgactcagtt gtaggaacat      540
caaagcaaac acccatattt cctttcagga ggcacattct ggtaatctga gacactgcat      600
tactactcag ctttctgtta agttctttcc aagcacagct gacatcctgt atttcctcta      660
ggctttccag agtcatggtc acaaaccctt tatcagaggt gatcaaagat cgtgggtcaa      720
agcttgatgc accagaaatg tgggctaaag ctgcagccaa tgcattccact gcacctttct      780
cttctatcag tctctgagct gatggctcga aaaaatcaac agcagcataa gaaacggaag      840
ccagagacct gatggcatcc atgcttttag atttaactaa atccattgta gaaggaacac      900
ctacacgttt aaaagtaatt cctgcttttt gttccacata tcttagttga cctctttctc      960
ttggttgata aaaacatata caaatccctg tccgtccagc tctacctgtg cgtccagagc     1020
gatggatata ggactcaaca tcctgaggag gagaactttg aatcaccagg tcaacttcag     1080
gaatgtccaa accacgggca gccacattgg ttgccaccaa aactttaaaa ctaccttctc     1140
tgaagccttt tagtgtaatt tctctttgtg actgtgcaat gtcccatgtt aaacactggg     1200
cattctgttt tatgtgtgga ttcattggca ttctcagttac attcttcttg gtctcacaga     1260
aaataatagc cctcccttca gacctactgt agacttgaag gacatctcca ataactgctg     1320
gcctctgaga ccaatgacac tggatggcca aatgttccac agtagttgca gccttttgag     1380
tcatttttcc atcaaggcca acctgttcat atctggattt catgtatttt ttctgcaact     1440
gtgtataccc actgtgggca agttgcagaa aaaagtaaag tctgaggatt gtcttcagaa     1500
tcagttttgt aggattcatg aataatatct tcaacttggt cagcgaacc taaatctaac     1560
atctgatcca cttcatcaag cacaacatgt cgcagtttag aaagatccaa tcggccactc     1620
tgcagatggt ctttgatacg accaggtgtt ccaaccaaga tgtcaatacc atttcgaata     1680
tgattaatth ggctttgata tgatgttcca ccataaaaac gcgccacggg gagtttccta     1740
gattatatct ttgaagtctc tggatacgtg gtttgccagt tcccggtgtg gagccaaaac     1800
aagtaccttt ggtgagcgg                                     1819

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<210> 2890

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(557)

<223> similar to gil850850 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2890
cggacgcgtg ggcggacgcg tgggctgtgg tctgccctga tagccaagag gactcagaga 60
cccagacaca ggaggacagt ggctctgagc agcctcccga cagcgtcctg cctgacaaac 120
tgaaggtgag ctgggagaac cccagcccc aggaggcccc tgctgcatag agtgcagaac 180
cgttccaggc accctgttct gagacttctg aggctgcccc cagggagggt gggaagcccc 240
ctacaccccc acccaagatc ttatcagaga aactgaaaagc ctccatgggt gagatgcagg 300
cttctgggcc acctgctcca ggcacagtgc aggtctcagt gaatggcatg gatgacagtc 360
ctgagcctgc caagccctct caggctgagg gcaccccagg aactcctcca aaggatgcaa 420
caacatccac agcactgccc ccctgggacc tgccacctca gttccatccc cgctgctcct 480
cccttgggga cttgcttggg gaaggccgc ggcacctt gcagcccagg gaacggctat 540
atcgggcccc gctggagggt aagggggcct ctgaacagac ggagaaactg ttgaacaagg 600
tgctgggcag tgagccggcc cctgttagtg ccgaaacatt gttcagccag gctgtggagc 660
agctgaggca ggccaccag gtctgcagg aaatgagaga tttgggagag cttagccagg 720
aagcacttgg gctaaggagg aagcggaagg agctggtgac cctctacagg agaagtgcac 780
cctagggcg 789

```

<210> 2891

<211> 1264

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (94)...(745)

<223> similar to gi4731584 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2891
ctctagtgtc ggaaatttat ctttgacaga ggaagaatgc ttttgaaaac agttcttacg 60
tgattttatg taacttaatt tgccctggaa aggaaatgtc tcgtctctgg tatgggaaaa 120
aaggggagaag acatcaacca attaatacata aatacactct gattactaca agggaagaca 180
taaattcaaa gcaggttgct acagtgaag cagacctgga gtctgaatct tttcgaccaa 240
acctaagtga tcccagtga cttttactgc cagatcaaat tgaaaagctt accaagcatc 300
ttccaccaag aacaattggc tatccatgga ctctgtttta tggtagtga aaacatggca 360
caagcttgaa aactctttat cgaacaatga caggtttaga caccaccagt ctgatggtga 420
ttaagacag tgatggacag gtttttggtg cgtagcatc tgagccactg aaagtgagt 480
atggctttta tggtagtga gagaccttg tttttacatt ctgtccggag tttgaggtct 540
ttaagtggac aggagataat atgtttttta tcaaaggaga catggattca ctactttcg 600
gtggtggagg aggagaattt gcgctttggc ttgatggaga tctctaccat ggaagaagcc 660
attcttgtaa aacgtttggg aatcgtaac tttctaagaa ggaagatttc tttatccaag 720
atattgaaat ctgggctttt gaataataaa aatgctctct gtcttagcag gagaatggcc 780
caaacctgac atggacaagc attgtttgga aagttcaaga agcaatacag tgtaacatgt 840
cacttgtgct ttaaaattag tctgtatcac catttattac agttataatt ttggagtta 900
tttttcaaat catgttcttg tcccagagtt ctttaggtta acactagga ctgcgtccat 960
gtactagtat aacagcttgg gtttgtaga atttgggcaa cattttgatt ataatgacaa 1020
cttcattttc acatgttact cagttcccta ataggatgggt gctcttttgt tgaacctgta 1080
ttgatttttt tttttttaac tatattgatt cgtttactaa aacagtctaa ttggggcatt 1140
gaggaaatga agactggata cttctgtatc tgtgaagttg gcacaggtaa catttgga 1200
tgttcatctt attcttagga aggaaaaaat cacttgccaa aataatacat acttcataga 1260
ccaa 1264

```

<210> 2892
 <211> 1265
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1266)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1267)...(256)
 <223> similar to gi6018392 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2892

tttttaaaagg	ttttaattca	atatttttatt	atagtccacc	gtatataaga	taatatttca	60
tgtagggtta	caactgatgga	tagtctagnc	aaaagaaata	tgctagcaca	gggtgggtaa	120
ctgaccaact	aaggatgcac	tgaaccaaca	gactacttca	gtaagtcctt	gattattgcc	180
agctttttcta	taatgttcag	gtttctcaaag	gtcactgaat	tttataatta	tctccaaaca	240
atttttcttca	tgggtcattt	aaggctttgt	ctaaacaggc	tgggtgtgtt	gccaaagcgac	300
atcaaccatc	tcctctgctt	aattctgctt	ccaaaataac	ttcagtggca	ccagaaaaat	360
cagcatagga	gtgaagactg	ttatcgcttg	tcagttctac	ttgtgctgta	tcagatcgca	420
atttccattc	tactgttcca	gtctgaaaag	tttgactact	tgttctaata	gaaatgctat	480
ctacttttag	gccaactgac	ccacactcaa	acttccagga	aatataagca	aaagatgac	540
cttcttttcg	ggccaaatat	accatgtgcc	agtctgtttc	aacttttctg	aatatagatt	600
ccattttcca	cacgccattc	tcccatccag	aaatggtttg	attgttattt	gaaactcgaa	660
cataacgatc	tttcacaata	ttgtaacaaa	ggtggagctg	tttagaaatc	ttctcatttt	720
cacaggggat	aaacaagggt	tcttttctct	gtagacccat	ttcacctcgg	gctactctcc	780
aagccactga	cccagatatt	cttcccccaa	gttctccagg	tttaggggtt	ttgggagata	840
taaattcaac	aagctccaca	attatcctct	ggagaagttc	tttccttctg	ttttctgaca	900
aaaacagttg	cctctgctta	ttaagcccat	taatagtgtc	tcgaagtaat	gcttctttta	960
ccttagttct	tctggcaatc	acctcttcat	gtttgcagga	atatcgccaa	gtgacatcaa	1020
ctacctcatc	ttttgaaaat	gctatgacat	aggaaagctt	cttgccccat	cctatttcat	1080
aaaggagtgg	cttgtcacag	acatcttcac	atgcatcaca	gtgcagccac	cgctgctgag	1140
aaggagaata	gacttctgtc	cagacatggt	ctgtgtaatc	ccaaacatag	cgagcttcaa	1200
accctacagc	tcggcagcac	agtgtaaaac	aattggccca	ctcgccacac	cgtccacatc	1260
ttgtt						1265

<210> 2893
 <211> 1113
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1114)...(1034)
 <223> similar to gi4101166 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2893
aaaaatgcgg tgccacgcg cttttcccg cttttccggt gtaacaccgg gccagtttt      60
gctatttagg aggccctaaa caaatgtttc cactctcaag gccccgctgc tgaaacatgg      120
ccactttaaa gggcccgccc cttttttttt ttttgaaaaa agtccatgga ggcccatggg      180
gttgggcttg tatactagct ttgggggggt cgagtcctgc gctgtttttg tcgagatggt      240
atggagacgg gtttctttcg aatgtcgtgg tacgcggctg gggggcatcc catatcagtc      300
actcccaggt ttatggaggg gttcttccta ctattaggga ctttttcgct tccgaagcga      360
agggtcttct caaatcaatg aaaattatta attattactg gtgggttagag aaaatgaaat      420
gagccttaaa gatgattagg atgttttcat gttgggtgta tgcattccgg ggtagtcccg      480
agttaaacgt cgggggcatt cgggtatagg ccccgaaaaa agtggtttgt ggaaggaaaa      540
gttaagattt accgccgatt gaattatgat aggtgaaatg ggatttttgc cggtaggttt      600
tgtcttaagg ggggtgtacc ctgagaatag ggggaaaatc agttgaatgg aagcctccta      660
ttgatggcaa atacagcttc ctattgatag ggacataggt ggaagtgagc ttacaacgta      720
gtacgttgtc gtgtaagtac gaatgtctag tggatgagtt tggcttatac aatgccaggt      780
cagggccacc ctacgggtga aaaagaaaga tgaattccta gggcttcaga gcacttgcag      840
cagaatcatt cataatgggt ttccggggag tgtggcgaag tcagctaaat acttttacc      900
cccgtgggga atagcgatga ttatggtgac cgagggggaa atatgctcgt gtgtctacgc      960
ctatttctac tgtaaatata tgggtgtgct acacgattaa cccttaggaa gccaaatgaa     1020
tttatagctc aaaccctacc tatgtatccc aacgtttctt tttttccgag tagcaagtac     1080
aatatgggag attattccca accccgctag gat                                     1113

```

<210> 2894
 <211> 862
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (857)...(788)
 <223> similar to gi2226004 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters.

```

<400> 2894
aacggtggct cctcgaggtc cacggtcccg gagatgggat ttccgcatgt tgcccaggct      60
gatcttgaac tcctgggctg aagatatcca cctcctcgg cctcccaatg tgctgggatt      120
acaggcctga gccaccatgc ctggcccaaag tgttcattga tgatgagaga tgggcttttc      180
gcatcaaata acaaaaatat gctgagtaat gtgaggattc ttgcttttct ggaagctaac      240
acatagtcag tgccaaagta gtgacagaag aaatcttgag aggaagcatt tttgtcttgt      300
acttgaaaca gctgctgggc ccaccatggc tcctgtgaag atcagccatg tggatatcatt      360
ttcttctcag gatcccaagt atcctgtaga gaacttgcta aaccagata gtccaaggag      420
accttggctc ggctgccctc aggacaagag tgggcaattg aaagtagaac tacagctgga      480

```

gagggcagtg	ccactgggt	acattgatgt	gggtaactgt	ggctgtgcgt	tcctgcaaat	540
tgatgtgagc	caccatgcct	ggccaagtgc	tcatactatt	tctgtcacat	ctgcagttaa	600
tttctccac	tgaagtcttg	aaagccact	aggagggttg	gaatcaactt	cttccaaatt	660
cacattcatg	ttgatgctgt	gacctcctcc	catgaatcac	cagtattctt	aatggcatcc	720
aagatggtaa	attatttcca	gaagggttta	atttactttc	ctagatccat	cagaggaatc	780
gctatctata	tggaataat	agccttacag	aatttatttc	ttaaatagca	atgcttgaaa	840
gttgaattac	tccttgaaaa	aa				862

<210> 2895

<211> 1856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1685)...(624)

<223> similar to gi4544440 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2895						
ccatgtaacc	ctcataaacc	aaagcgcctt	ggggccctca	gtggtttgta	ggattctaag	60
agctctgtgc	tccctaaggt	aatctgggtg	cctcctccca	cagagctcct	ggactctaac	120
aaagtccaga	accttttcat	tcattgatgt	aaacacacat	atttggtgca	tcccatagct	180
tattcagagg	aaattaaaag	ttcagaagct	tctagagtga	ttgtcaatgg	gggaaaatat	240
gatacaaact	gtatattaaa	gtgatctttt	attaaactat	ttactgctta	gtctaaattc	300
aggtagagca	gtcaaagaaa	gttatccatc	aactttgttg	aattcatatc	tttcatttta	360
gaataacagc	agactttaag	catgtattat	ttttccagtg	ttcagcttag	tctaagactg	420
tgtgagtctg	gtttgatcca	ttgccgtgaa	gaatacacag	acagcagctg	taatgagcag	480
gtgcattccc	tcgtagagaa	gttttgagaa	aaatacactc	catataaata	aatgataacg	540
cagagatgtc	accaaaccga	tgtacgtgaa	aactggaata	gaacaaatca	gtgcgtagca	600
gaagcaagca	tgactcagtg	ctgaaccact	gcgtgtttct	gagctcagga	agtgcactaa	660
gtggctggcc	cacagcacag	gccctgcgta	cgtcccaaac	gctgtcagga	gcacggctgg	720
gatttccacg	taggtgtcta	agcccacgaa	gcctgctggg	atgtccacgg	tggcaatgtt	780
gttgaggttg	ccctgaaaat	agaagaatgc	ttgaccaaac	caataatgca	tcacagtaat	840
ctcagctgca	tcgtgtctca	ggggcttcca	gatgaattta	gtcattagag	tctgaatcaa	900
gaggctaaat	gctaagaccg	gaagattatg	tggtctaaag	agcaaggctg	ccagaagaac	960
taatccacta	tatatctccc	ataaacctac	agtcttgagt	ttgaagtctg	cagcaatgac	1020
ttgagattta	agtaagtctt	tggtgcccgt	gaacagaatg	ccaaggacaa	agacataaac	1080
aaaacgagct	tcaataatac	ccttggaat	gtccttgctg	tccggccgcc	acgggaaccg	1140
gacactcccg	atggccgcc	ggtagcagta	gacgccagc	agccccagcg	ccagggcagc	1200
cttgagacaca	ggggagcacc	ccctctgcac	cagcacaaaa	actacgagga	gggagagggc	1260
agccaggaca	gagagctcgg	ctttgtgggtc	agagctgggtg	agccagtggc	cgaggctcagg	1320
ccggtgagcc	cactgcacac	ctgtctgggtt	tagggagcgc	agcagccggc	agcaggccag	1380
tattagccac	ggactggcca	gcaccatcca	cttctcgcg	cctttgagca	cttcggaggt	1440
agaggggctt	ccgtggcctt	tgtctcgctc	caggacatca	cagccaggcc	cgtcctgcca	1500
cgctgctgtg	gccccgtcat	gcccttgctc	cacacagagg	ccacacggag	gctcaccgtc	1560
atctcccaga	aagtagtttc	tgtaggtttc	ttggctcaga	gctagacaca	gggtgttcac	1620
aaggaagtac	caggtctggg	gtcctcctc	cacgaagctg	ctggcgccca	ggctcaagac	1680
gtggcccgcc	gtccccaaca	gaataagaag	gtctagctct	gaccaccttg	agctgggatg	1740
catgggggtc	ttccttgggg	tgtttccacc	cacgagcacg	ttggctcagaa	cagacacacg	1800

gacgcgtggg tcgacccggg tactgcgggg cgtctaatagc aggggtcaat gggcgg

1856

<210> 2896

<211> 2569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (261)...(41)

<223> similar to gi4240243 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2896

ctagggatct	gtaaaatcta	ttttgtctta	accaaagaac	aaatttttga	catatcttga	60
ataggatgac	tataaattat	gactttttaa	ttgtcgtaat	ttttgtacta	ttatctgata	120
tttttatttt	tatgtatttt	cgtaagtagt	ttagagatag	tcacatttta	aaaatctaag	180
atcaagcaaa	tgaagcttat	ttttatgtat	tcatagtata	aaagaccttc	agtaaatagg	240
taatatTTTT	gttttattct	agaaaacagc	tccttgaaca	cagtgcgctg	gcttttcaca	300
cattgcagtt	gttagtgttt	actgcccttg	ccattttaat	tatgaggcta	aagatgtttt	360
tgacacgcga	catgtgtggt	atggcttcc	tgatatgctc	tcgacagctc	tttggctggc	420
tttttcgcag	agttcgTTTT	gagaaggTTA	tctttggcat	tttaacagtg	atgtcaatac	480
aaggTTatgc	aaacctccgt	aatcaatgga	gcataatagg	agaatttaat	aatttgcctc	540
aggaagaact	tttacagtgg	atccaaatac	aataccgtac	cagatgctgt	ctttgcaggT	600
gccatgccta	caatggcaag	tgtcaagctg	tttaccttc	atccattgt	gaatcatcca	660
cattacgaag	atgcagactt	gagggctcgg	acaaaaatag	tttattctac	atatagtcga	720
aaatctgccA	aagaagtaag	agataaattg	ttggagttac	atgtgaatta	ttatgtttta	780
gaagaggcat	ggtgtgttgt	gagaactaag	cctggttgca	gtatgcttga	aatctgggat	840
gtggaagacc	cttccaatgc	agctaaccct	ccettatgta	gcgtcctgct	cgaagacgcc	900
aggccttact	tcaccacagt	atttcagaat	agtgtgtaca	gagtattaaa	ggttaactga	960
gaaggatact	acccatttta	ctatggcaca	atgccgtgtg	tcaaaaacaa	tcaccctttg	1020
gcttattcac	attaataaaa	atcacaagct	ttaataacag	acacttaaaa	ataagataaa	1080
aatggattgg	aaatttttct	gattactaaa	aggtaaatata	cttttctgtt	cattgaatgt	1140
cagccttatt	aagcttgTca	tataagttat	ttaatcattc	atgtcatact	gcataaacia	1200
atgttcattt	cagaatttta	aagagaaatg	tatataaaaag	aacaatgaat	tttaataaat	1260
caggggtatg	taagtccctt	ttcatccaac	taggtgaatt	gcttcagatt	ttctctagta	1320
ccagagggtA	cctcctcaaa	ctctttgaac	cacttaaggc	agaagaatgc	aagctctgaa	1380
atgacatcct	taaaatgctg	atactggtca	cagcctcttt	acctctgtga	ggaaattgta	1440
acagtgtgtc	ttttaaggTg	tttttatttt	accagccctt	aagaaagatc	tctaatacct	1500
tttaatactt	ttttttaata	atttcaaggt	gaagtgtttt	taaaaacact	ttgTTTTgta	1560
atgttttgaa	tctcttgaga	tgtgtttacc	ccactagata	catatttgcc	actggttagt	1620
tctccatcta	agctcaagag	gttattcatc	tctctttaga	ttccagtggc	ttttctttta	1680
acatccaggt	aaaacagaaa	ctgctatggt	atacaaccaa	gttttggggT	taaacataat	1740
cagaaaagaa	aatccagTTA	aatttatgaa	gtgagatTTT	cagatccTag	atcttgaata	1800
aaggaaaggT	cttttcatct	tgatggcccc	aaagcttggt	ggTcatggTc	tttatttctg	1860
gccactatct	tcttaaataa	tatattttta	agccctcatt	tatttttggt	tttgggtgag	1920
gaaagtcatg	ttttctaagt	cctctccctt	aataaaacct	acccaacaat	agtgcTTtga	1980
aaagtggtag	ttatcttgaa	gatactcttg	ccaaatgcaa	agataaacat	tctttttgtc	2040
tgctttataa	atatgaaata	tgccagatct	atagtatttt	aatgtgcata	tactttaaat	2100
gagTcatctt	ggggTTTTta	taattccctt	atgttctcgc	ccctctacac	ttgaaataac	2160

aaaatgcctt	aattttatgg	attagttctc	ttatagtaga	caggcagcta	tatgcagcaa	2220
aaccaataaa	gttatttttc	aactttcata	gttgtaaaat	atcttataac	agaatacaaa	2280
acagctaaga	aaacatgcca	cattttatct	tagcattttc	aaataatttg	tttttggtgt	2340
aagcacagga	taaaaaagga	gagcgtcaaa	gaaaagagac	ataacaccta	acattcataa	2400
aaattaacaa	agtatatctt	ggatgatgtt	tttacaggaa	atatttttaa	taagttggta	2460
gaacttttaa	aatgggtact	tattagctaa	taaaatattc	agtacaaata	tatgtttgga	2520
tttatgcatt	aaaaaactaa	taaaattatt	tccaacttta	aaaaaaaaaa		2569

<210> 2897
 <211> 1022
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1020)...(638)
 <223> similar to gi5262560 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2897						
ttttaatttt	tttacaaaca	tttatttctc	atgggtttgg	aggctgggaa	gtccaatatc	60
aaggcactgg	catagtccat	gtctgggtaa	agggcctgct	ttcccgggtc	aaaagatagc	120
tatctttctc	ctgcaccctc	tcatgggtga	gggcaaagct	agctctctag	ggatttcctat	180
caggaaacta	atcccaatta	caaggcctcc	atcttcatga	tgtcctccaa	tcctaaaaac	240
caccagagac	agggccttca	aataccatca	cattgtgggg	gagagggggg	ggcacggggg	300
taaggtttca	acatatgaat	ctgaggtggc	atacactcag	ccaaaacatt	acacctctgg	360
ccccaaaaat	ccatgtcatc	acatgtaaaa	tatattcatc	tcatcccaaa	ggcctcaaaa	420
gtctcagtta	attccagcat	gaagccctaa	tgtttaaact	caaactccaa	agtgtcatct	480
caatatcaca	tactcagat	atggatgaga	ctcaattcat	gctgaggcaa	aattcttctt	540
cagctccgaa	ccggtgaaaa	ccaaactagt	catgtatttc	caaaatatga	gacaggcaca	600
ggatagagat	tcctattcca	aaagtgagaa	acaggagaaa	ggggtgagct	cccaaacaag	660
tctgaaaccc	agaaagcaaa	ctgaagactt	tccatattct	ttagatatgt	agataactgt	720
agacctgtcc	tccactattc	attttcacag	gtattcgaag	gttgtgtgat	aaatgaaagc	780
tttcccatat	tctttacgta	aggttttatc	ccattatgag	ctctttcatg	tctttgaaag	840
gaactggaat	aactgaacgt	ttttcccat	tgcttacatt	catagggttt	ttctccggta	900
tgagttcttt	catgtattct	aatggaactg	gcataattga	atgctttccc	acattcttta	960
cattcatagg	gtttttctcc	agtatgagtt	ctttcatgtg	ttcggacaga	actaggacag	1020
tc						1022

<210> 2898
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (385)...(116)

<223> similar to gi2773345 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 2898
aataaagaca gttgatgtgg ccacccaaaa accatgatag ctcttcagtt aactatgttg      60
gaagttctaa tatactccac aatgtgaaca cagtcagatt ctatttctgc atcaaaaagt      120
gttgttggaa gttgtcagat atatttcaat atagaacccc cattcaatga ctaggagatg      180
agagagcagc agagatggga aaaaaagctt tataaaattc ttctgaaatt ctgccccctt      240
tcttcataat gctcatgttt ctcagtctga gagtaattgt gcactttggg tggttagaga      300
gaaattgctt ttaggggact attttctggc tgacttgatc aatcttatat ctaaactgag      360
ctttttctca agatcttttt tctcaagatc tttttag      397
```

<210> 2899

<211> 1106

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (70)...(778)

<223> similar to gi4240325 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 2899
tcggacgcgt gggcgacgc gtgggctcgg tcgcttagtg tgtctcctag ttcctatcct      60
gaactacaca ctgaagttcc actgtctgtc ttaattctgg gattgcttgt tgttttcac      120
ttatctgtct gttttggggc tggtttatcc gtctttgtct tgaaacgcgc aaagggagtg      180
ccgagcgttc ccaggaatac caacaactta gacgtaagct cctttcaatt acagtatggg      240
tcttacaaca ctgagactca cgataaaaaca gacggccatg tctacaacta tatcccccca      300
cctgtggtac agatgtgcc aacccccatc tacatggcag gaaggggaagg gagaccagt      360
agcctattac cgaaacctgg caaggagttt cagctattag gcaacctgga ggagaaaaaa      420
gaagagccag ccacacctgc ttacacaata agtgccactg agctgctaga aaagcaggcc      480
acaccaagag agcctgagct gctgtatcaa aatattgctg agcgagtcaa ggaacttccc      540
agcgcaggcc tagtccacta taacttttgg accttaccta aaagggcagt ttgccccttc      600
ctatgaatct cgacgcaaaa accaagacag aatcaataaa accgttttat atggaactcc      660
caggaaatgc tttgtggggc agtcaaaacc caaccaccct ttactgcaag ctaagccgca      720
atcagaaccg gactacctcg aagttctgga aaaacaaact gcaatcagtc agctgtgaag      780
ggaaatcatt tacaacccta aggcatacaga ggatgctgct ccgaactgtt ggaaacaagg      840
acattagctt ttgtgtttgt tttgtttctc cctttcccag tgtaaatggg ggactttgaa      900
aatgtttggg agataggatg aagtcatgat tttgcttttg caagttttcc tttaaattat      960
ttctctctcg ctctctctct cccactccca cactgaaaaa caaagaagaa aaaagaaaca     1020
aaaccataaa caaaatctat gaagaaatgc attgtagaaa cattcatgtc cactgatggg     1080
tcctaagaag agaagggaag aagaaa      1106
```

<210> 2900
 <211> 1999
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (127)...(1415)
 <223> similar to gi3877186 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2900

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caggcacaca	gtgacgactc	ggaggccacc	agcctgtcct	ctgtggccta	tgcctttctg	120
cccgactccc	acagctacac	catgcaggaa	ttcgcccggc	gttacttccc	ggaggtccca	180
ggccttgctg	ggccagactg	atggagggtgc	cgcaggaaaag	gacacggaca	gcctgggtgca	240
gtacaccaag	gctcccatcc	aggagtcgct	cctcagcctc	agtgatgatg	tgagcaagct	300
ggctgtagcc	agcttcctgg	ccctgatgcg	gtttatgggt	gaccagtcca	agccccgggg	360
caaggatgag	atggatctgc	tctatgaact	gctgaagctg	tgccagcagg	agaagctgag	420
ggatgagatt	tactgccagg	ttatcaagca	ggtcacggga	cacccccggc	cggaacactg	480
cactcgaggc	tggagcttcc	tcagccttct	cacaggcttc	ttcccccggt	cgaccaggct	540
gatgccctac	ctgaccaagt	ttctgcagga	ttcaggcccc	agccaagagc	tggcccggag	600
cagccaggag	cacctccagc	gcacagtcaa	atatgggggg	cgccggcgga	tgccccacc	660
gggtgaaatg	aaggctttcc	tgaaaggaca	agcgattcgc	ctgcttctta	ttcacctgcc	720
gggggggtgtg	gattatagga	cgaatatcca	gactttcaca	tctgtccaca	tgcccaggta	780
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caggaattcg	ccctcttcc	catcaaagag	aagagccagc	tggtgcggcc	cctgcagccc	900
gccgaatacc	tcaacacgct	ggtagtggac	caggacgtga	gcctgcacag	ccggcggctc	960
cactgggaga	ccccactgca	cttcgataac	tcacactaca	tcagcaccca	ctacagccag	1020
gtgctgtggg	actaccttca	ggggaagctg	ccagtcagcg	ccaaggcaga	cgcgagctc	1080
gccaggctgg	cgcccttgca	gcacctcagc	aaggccaaca	ggaatacccc	ctcagggcag	1140
gacctgctag	cttacgtgcc	aaagcagctg	caacggcagg	tgaacacggc	ctccatcaag	1200
aacctgatgg	gtcaggagct	gagacggctg	gaaggacaca	gccccagga	agcacagatc	1260
agcttcattg	aggccatgag	ccagctgccc	ctcttcggct	acaccgtcta	tgggggtgctg	1320
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cggctccacc	tgctaagccc	tctggaggag	aaggggcccc	ctggcctgga	agtcaactat	1500
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gggcacctga	ggttgcccag	tctgaggggag	atggccaccc	gacccagggc	tccgcccagg	1920
ccccacatta	gcacaagccc	aggcatggga	gaaacagctg	ctgaggaaat	aaaactccct	1980
ggagaagtgc	acgcggccg					1999

<210> 2901

<211> 2646
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2647)...(2273)
 <223> similar to gil1710216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2901

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cacaaccact	tcccagtgtg	cagagaagaa	accagaagcc	agtggcccag	aggctgagcc	120
ctgcccagag	ctccacacgg	agccagtggg	gccactgact	cgggcacccct	cggcaggccc	180
tgaggggtgga	ggagtcgcgc	ccgagcagcc	ctttattgtg	ctggggacagg	aggagtacgg	240
ggaacaccac	tcattccatca	tgcactgcag	agtggattgc	tctggggagga	gagtcgccag	300
cttagacgta	gatgggggtca	tcaaagtgtg	gtccttcaac	cccattcatgc	agaccaaagc	360
atcctccatt	tccaaatcac	cgctgctgtc	tttgggaatgg	gccaccaaag	gggacagact	420
gctcttgctg	ggcagtggtg	tgggaacagt	gcgtctctat	gacacggaag	ccaagaagaa	480
tctctgtgaa	atcaatatca	acgacaacat	gcccagaatc	ctgtctcttg	cgtgcagccc	540
caacggggcc	tctttcgtct	gttcggcagc	agctccgagc	ctcacttccc	agggtggactt	600
ctcagcacca	gacatcggca	gcaagggcat	gaaccaggtt	cctggcaggc	tgctgctgtg	660
ggacacgaaa	accatgaagc	agcagctcca	gttctccctg	gatccagaac	ccattgctat	720
caactgtaca	gccttcaatc	acaacgggaa	cctgctggtc	acaggggcag	ctgatggcgt	780
catccggctg	tttgacatgc	agcagcatga	gtgcgcgatg	agctggaggg	cccactacgg	840
ggaggtctac	tctgtggagt	tcagctatga	tgagaacacc	gtgtacagca	tcggcgaggga	900
cgggaagttc	atccagtggg	acatccacaa	gagtggcctc	aagggtatccg	agtacagcct	960
cccctcagat	gccacgggcc	cctttgtgct	gtctggatac	agcggctaca	agcaggttca	1020
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tgccacaggc	ggcgtcatct	acaagctggg	tggcgatgag	aagggttctgg	agagctgctt	1140
gagcctaggt	ggccaccgag	cccctgtggt	caccgtggac	tggagcactg	ccatggactg	1200
tgggacctgc	ctcaccgcct	ccatggatgg	caagatcaag	ctgaccaccc	tcctggcccc	1260
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tctgcaggga	aagactggca	aggaggctca	ggtgcttcca	tctgtggtga	ctggaatggg	1440
accacagtgg	agtaggtgac	atatgcttcc	cagagactgg	tattgtggct	gtgccaggag	1500
tacatgtgag	actatgggag	gaaagctccg	gaagaaggag	aaacattgca	gtggctactg	1560
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cccagcactt	tgggaggcca	agggtgggtg	atcacttaag	gtcaggagct	tgagaccagc	2340
ctggccaaca	tggtgaaacc	ccatctctac	taaaaatacc	aaaattagcc	aggcatgggtg	2400
gcaggtgcct	ataatcccag	ctactctgga	ggctggggca	ggagaatcac	ttgagcccag	2460
gaggcggagg	ttgcagttag	ccgagatcac	gccactggga	gaacccaact	caaaaaaaa	2520
aaaagtttgg	ggttatggac	catttttgat	ttgggatttt	ggggtaaggg	accctaacc	2580

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tgaccttttt tatttggggg gctcctctaa ttcttccaac ggaacatttt tggggaaaaga 2640
tgaggg                                           2646

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<210> 2902
<211> 2560
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (25)...(838)
<223> similar to gi3881275 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2902
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gagaagtcca aggggaagac gcgcgaggga gccgaggaca agatgaccag cggcgacgtg 180
ctgtccaacc gcaagatgtt ctacctgtc aagaccgcct tccccagcgt ccagattaat 240
actgaggaac acgtggatgc agcttgatca ggaggttatc ttgtggggat cataagattc 300
ctgaggatat cctaaaggga agtaactact ccctaaagag gtaccagca gaaagtgtta 360
ctgtctggat tgacccact tgatgctaca caggaatatt acagaggatc tttcgaaagt 420
acgtcactac tatggtgtgt gtggctgtaa atggtaaacc catgctagga gttatacata 480
agccattttc cgaatataca gcttgggcaa tggtagatgg tggttcaaat gtgaaagccc 540
gctcttccta caatgagaag accccaagga tegtgtgtc tegtcccat tcagggatgg 600
tcaaacaggt cgctcttcag acttttggaa accagactac aattatccca gctggtggtg 660
ctggttataa agtttttagca cttttggatg tgcctgataa gagtcaagaa aaagctgatt 720
tatacatcca tgtgacatac atcaaaaagt gggatatatg tgctggtaat gccatcttaa 780
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acggcattga agggggactc cttgctagca tcagaatgaa ccaccaggcc ctggtcagaa 900
aactcccaga tctagaaaag acaggacata aatgagcata actgattaca gggtagagtt 960
cttcacagct gaaatggtta gcctgagatg ctggaagctt caaaggattg gtggagacta 1020
tgcattggtta aggccatccc gaacttttta aagtatttat gaagcatcag agacttattt 1080
tccctgtaat agaatgcaa atcagggaaa atgggttgct ttgtgtctca agtattgtct 1140
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attaaaatct gtagctgagt ctacattggt atgagtcacc attttcacac aacatcatga 1260
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gatgtttaat ataactttac aactatatct cattgaaaat aaagtcattg gggattttta 1380
cctctaattt ggatggaaag cacaagaagc cacacattca ttaatatgca acaaagtgtg 1440
ttttatgtt actgaatatt tctatggatt aaaatagaaa aagtttaatt gattttttct 1500
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tggtgtttgt acccatggag tttatcattt ttgcatgtct tgctattttt ctatttacct 1680
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gttacttgac attacatgaa ttgaactgcc tttcattatc ttcagacact ttgttttagt 1920
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atggttgctt ttgcatggt tgcttttact attaataaat gtatctagcc tacccaaact 2040
ctgtagtaac ttttgagatt ctcttaattt cccctcagat taaaatagag aaggttgaag 2100

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gtactttttg	atgaaat	tttctagct	ggttagaaaa	aaaaagttgt	gacatat	2160
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ctctcaatgt	gaaatctgga	aacttcatgt	aaactacca	tgccgttatt	tcatgtgact	2280
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gctaaat	ttaaccataa	agcagcttac	cctttat	cccac	aagtaaaatt	2400
gaccaaagaa	tgtacgttct	agcctgggtg	aatgtgcata	ctttaggttt	gtatgttaca	2460
ttgtccaaag	ccctttactt	tcttattagt	aaactgaatc	taatatgaca	caaagttttt	2520
caccaaatct	cttgcaactg	gtcaaattcg	agaagggtgtg			2560

<210> 2903

<211> 1673

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1672)...(255)

<223> similar to gi4263748 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2903

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attgaaaaat	agaaatattt	aattattaaa	atttttctct	tcataattct	ttttgcgcct	180
ttgagttgaa	gccaaaaggc	tgccgctctt	cccttccaca	ccgagatgtc	agtgtcaggc	240
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cccaaacaca	gatattcagg	acaactactg	gagatagttg	tagaatctca	ccatcttcac	420
acagacttgt	atttaggaac	cagcaccgta	ttgcactgta	gttcaattac	tatttatggg	480
ctgcattcac	acaagaaaca	tctgccaaca	aaggcaaact	ggacaatgtc	tgttccttct	540
catgagtctg	gattccgaga	gcctttgggg	gaatttgggc	ttcaacccca	ggacgtagg	600
gaatacagtc	cgggccacct	ctttcatttc	tgaaagccga	ctgcagcaca	ggaaagagta	660
aaggtttttt	ttccttgccg	gtggattccc	caggaccaag	catacaccat	catacattca	720
agtagctggt	tgtggacatc	cttgccgaga	aatattcagt	gttcagaacg	gtcataacct	780
tgaccagaag	tctttgacta	accttctcag	gggaaccac	tgtggctttt	gcctgattta	840
aaatgaacca	agttgggtta	cttgaacagt	tcagatttct	tccacaacca	agtcacagag	900
cttctgtgaa	atctctcagg	tcaagtcacc	atcaactcac	tcgtgactga	agtccaggag	960
cggaaagtgtc	gagagcatcg	cgggtgtggt	ctgggttcaag	ttgcttcaga	accaagtcaa	1020
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cttgatcaa	ggtgtcctgc	caagtcccc	tgtcatgacg	ctgtcctgta	gttgtgcttc	1140
gggaactctg	gccagtctat	gtgaaacttt	tctctcaata	tacaaaaaaa	attagtcctt	1200
tcccagtgtt	gggcctgcct	tgccaccatg	ccacagactt	cttcgggtcac	atcaagattc	1260
ttaacaccac	aaataaataa	agctaactgg	gtggtaatat	tttatgagca	gcgaaagaaa	1320
aggccacaat	caatttgact	ctttcaagca	actggacttg	taaatcccc	gagttatctc	1380
caactcactg	tgcaacgcaa	atgcccgtta	gacttaaata	acgggtctcaa	cagtcatgtg	1440
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atgcccagggt	cattcttctc	acgtgattcc	ggaacggcgt	accactgccg	cgccacttct	1560
gttaattcgc	ttttcaaaac	aaaccctatt	gacatttgag	tccctttttc	agttcgttga	1620
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<210> 2904
 <211> 2142
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2143)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2014)...(719)
 <223> similar to gil778861 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2904

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cttaagtga	cccctgaaaa	cctttat	gaaattgaag	tttttgctca	gaaactgggc	180
agaactttt	acattctgac	agaagataaa	acttaagtct	aaaaaatatt	cggtacttt	240
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ggctgatggc	agcaagcctg	ctacagtcca	gaagagtgcg	acttcttata	ttacatatg	480
aacgcactctg	tctttccaag	gctaactttg	tagcattcca	ctggtaccac	ggagccaaat	540
ggtgacattc	tgtctaagaa	tttgtggtta	ctggcttcga	atgaagttga	cgctgtcttg	600
aatgcaccag	ttttttcttc	aggattcaag	cactttttaa	ttccagggtc	atctgtgtga	660
ctgtccttgg	aattgaaagg	gatgttgctc	tctttacaat	ctgtaaggcg	cctgtggtga	720
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ataatatcaa	cactttctga	aggcaatggc	aattctataa	cagagatttt	aagtaattca	900
attttatect	caaggcctgc	agctttcaga	ttgtcccaag	tacctagtaa	ctgtgagtcg	960
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gtgctcgaga	taggggagaa	aagacatcca	ccacttgata	tgtctacaga	ggaagcagag	1140
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tgccattgcc	cacgctattg	tagatcgag	tccagctgtc	ttgatgtaag	ctctgctggc	1260
tagggaaacc	ctgaacacag	gaatccccac	cacagagtaa	atgtcattta	gatgtataaa	1320
gatctcta	tgtggattcc	tcaagtctgc	tttccatcca	aagtgtttca	taatagcaat	1380
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gttatcatct	ctctgagaaa	gtttttcctt	ttttgcatca	agttcaagaa	gatttttcca	1740
aattgaaatg	gcattcaacc	aacttcctgg	atcttcattt	ataagtcttt	gcatttcatt	1800
aaatatTTTT	cctttactta	cagaagaaat	aataagtggg	aactgctttt	taatcagcaa	1860
aaataatctt	tctgcagatt	tttaatttct	caacatattc	aaatcagaac	aggtggtgaa	1920
aaaaaccttt	cctgaaatat	attcaacctg	cgtggccgcc	agccgcgccc	gcacctctcg	1980

cattacgaac	ggctccagge	cgcgacccgc	agtgcagaag	aatcgggcgc	cagcctcagg	2040
cccggaccct	ggctctccac	acgaaatcgt	ggccccgggn	nttctnnnn	ngtngntcnt	2100
ncagtaccan	ctacggatca	ggatgngccg	gcccgtcttc	cc		2142

<210> 2905

<211> 2502

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(679)

<223> similar to gi2352427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2905

gggcaatggc	atcaacgtcc	tcaaaattgc	ccccgaatca	gccatcaa	at	tc	atggccta	60
tgagcagatc	aagcgccttg	tttggtagt	accaggagac	tcttgaggat	tc	ac	gagagg	120
cttgtggcag	ggtccttggc	aggggccatc	gccagagca	gcatctaccc	aat	gg	gaggtc	180
ctgaagaccc	ggatggcgct	gcggaagaca	ggccagtact	caggaatgct	gg	act	gcgc	240
aggaggatcc	tggccagaga	gggggtggcc	gccttctaca	aaggctatgt	cccc	aa	catg	300
ctgggcatac	tcccctatgc	cgccatcgac	cttgccagtct	acgagacgct	ca	aga	atgcc	360
tggctgcagc	actatgcagt	gaacagcgcg	gacccggcg	tgtttgtgct	cct	gg	cctgt	420
ggcaccatgt	ccagtacctg	tggccagctg	gccagctacc	ccctggccct	agt	cag	gacc	480
cggatgcagg	cgcaagcctc	tattgagggc	gctccggagg	tgaccatgag	cag	cct	cttc	540
aaacatatcc	tgcggaccga	gggggccttc	gggctgtaca	gggggctggc	cccc	aa	acttc	600
atgaaggtca	tcccagctgt	gagcatcagc	tacgtggtct	acgagaacct	ga	aga	tcacc	660
ctgggcgtgc	agtcgcggtg	acggggggag	ggccgcccgg	cagtggactc	gct	gat	cctg	720
ggccgcagcc	tgggggtgtg	agccatctca	ttctgtgaat	gtgccaacac	ta	agt	ctgt	780
cgagccaagc	tgtgaaaacc	ctagacgcac	ccgcagggag	ggtggggaga	gct	gg	caggc	840
ccagggtctg	tcctgctgac	cccagcagac	cctcctgttg	gttccagcga	ag	acc	acagg	900
cattccttag	ggtccagggt	cagcaggctc	cgggctcaca	tgtgtaagga	cag	ga	cattt	960
tctgcagtgc	ctgccaatag	tgagcttggg	gcctggaggc	cggttaggtt	ctt	cc	atttc	1020
acccttgcag	ccagctgttg	gccacggccc	ctgcctctg	gtctgccgtg	cat	ct	ccctg	1080
tgccctcttg	ctgcctgect	gtctgctgag	gtaagggtgg	aggagggtta	cag	ccc	acat	1140
cccacccctc	cgtccaatcc	cataatccat	gatgaaaggt	gaggtcacgt	gg	cct	cccag	1200
gcctgacttc	ccaacctaca	gcattgacgc	caacttggct	gtgaagggaag	agg	aa	aggat	1260
ctggccttgt	ggtcactggc	atctgagccc	tgctgatggc	tggggctctc	ggg	cat	gctt	1320
gggagtgcag	ggggctcggg	ctgcctggcc	tggctgcaca	gaaggcaagt	gct	ggg	gctc	1380
atgggtgctc	gagctggcct	ggaccctgtc	aggatggggc	ccacctcaga	acca	aa	actca	1440
ctgtccccac	tgtggcatga	gggcagtggg	gcaccatgtt	tgagggcgaa	ggg	cag	agcg	1500
tttgtgtgtt	ctggggaggg	aaggaaaagg	tgttggaggc	cttaattatg	gact	gtt	ggg	1560
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aagacgaggg	agcaggagct	tggctgactg	ctcagagtct	gttctgacgc	cct	ggg	gggt	1680
cctgtccaac	cccagcaggg	gcgcagcggg	accagcccca	cattccactt	gt	gt	cactgc	1740
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ggccagaagg	cagcagccct	ggctcctttc	ctttggcagg	ttggggaagg	gct	tgc	cccc	2040

agccttagga	tttcaggggtt	tgactggggg	cgtggagaga	gagggaggaa	cctcaataac	2100
cttgaaggtg	gaatccagtt	atttcctcgc	gctgccgagg	gtttctttat	ttcactcttt	2160
tctgaatgtc	aaggcagtga	ggtgcctctc	actgtgtatt	tgtggtgggc	gggggctgga	2220
ggagaggggtg	gggggctggc	tccgtccctt	cccagccttt	tgctgccctt	gcttaacaat	2280
gccggccaac	tggcgacctc	acggttgcac	ttccattcca	ccagaatgac	ctgatgagga	2340
aatcttcaat	aggatgcaaa	gatcaatgca	aaaattgtta	tatatgaaca	tataactgga	2400
gctcgtccaa	aaagcacact	acgacagaac	tggaagttag	aagttgtcat	tataaagcag	2460
ccttctaata	aagttgtttg	caaagctgaa	aaaaaaaaaa	aa		2502

<210> 2906

<211> 2366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (161)...(1631)

<223> similar to gil86396 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2906

gcactatgtc	acattgccgt	ggggcagcag	atgaacctgc	actggctgca	caagatcggg	60
ctggtgggtc	tcctggcttc	cacgggtggtg	gccatgtcgg	ccgtggccca	gctgtgggag	120
gacgagtggg	agggtgctgt	gatctccctg	cagggcacag	cgccattcct	gcatgtgggg	180
gctgtggcag	cagtcaccat	gctctcctgg	atcgtggcag	gacagttcgc	ccgtgcagag	240
cggacctcct	cccaggtgac	cattctctgt	accttcttca	ccgtggtgtt	tgccctctac	300
ctggccccct	tcaccatctc	ctctccctgc	atcatggaga	agaaagacct	cggccccaa	360
cctgctctca	ttggccaccg	cggggcccc	atgctggctc	cagagcacac	gctcatgtcc	420
ttccggaagg	ccctcgagca	gaagctgtac	gggctccagg	ctgacattac	catcagcctg	480
gacggcgtgc	ccttcctcat	gcatgacacc	accctgcggc	gcaccacca	cgtggaggag	540
gagttcccgg	agctggcccc	caggcctgcc	tccatgctta	actggaccac	cctgcagaga	600
ctcaacgctg	gccagtggtt	cctgaagact	gacctcttct	ggacagccag	ctccctgtca	660
ccctccgacc	acagagaggc	ccagaaccag	tccatctgca	gcctggcaga	gctcctggag	720
ctggccaagg	gcaatgccac	actgctgtc	aacctgcgtg	accgcgcccg	ggagcacccc	780
taccgcagca	gttttatcaa	cgtgactctg	gaggccgtgc	tgactccgg	cttccccag	840
caçcaggtca	tgtggctgcc	tagcaggcag	aggcccctgg	tgcggaaggt	ggctcccggc	900
ttccaacaga	catcaggctc	caaggaggca	gtcgccagcc	tgcggaagag	ccacatccag	960
cggctgaacc	tgcgctacac	tcagggtgtc	cgccaggagc	tcagggacta	cgcgtcctgg	1020
aacctgagtg	tgaacctcta	cacagtcaac	gcacctgggc	tcttctccct	gctgtggtgt	1080
gcgggggttc	catccgtcac	ctctgacaac	tcccacaccc	tgtcccaggt	gccttcccc	1140
ctctggatca	tgcccccgga	cgagtactgt	ctcatgtggg	tactgccga	cctggtctcc	1200
ttcaccctca	tcgtgggcat	cttcgtgtct	cagaagtggc	gcctgggtgg	catacggagc	1260
tacaaccctg	agcagatcat	gctgagtgtc	gcggtgcgcc	ggaccagccg	ggacgtcagc	1320
atcatgaagg	agaagcttat	tttctcagag	atcagcgatg	gtgtagaggt	ctccgatgtg	1380
ctctccgtat	gttcagacaa	cagttatgac	acatatgcca	acagcaccgc	cacctctgtg	1440
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aagacatgtc	tgtcccacct	gtacctgaca	cagaagctgg	ggagcctagg	agagctggtg	1560
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gggcctaggg	cttggtcccc	ctcttctgag	gccctctcct	gtatcccgac	ctggaagctt	1800
tgatgggtca	tgggccatgc	cataccccct	gtggcaatgg	agtgtgtgga	tgctcacctg	1860
tgccatctgt	cctcctgtct	gtgccaggag	gcacctgagt	tctctgctgt	tatcctgccc	1920
caagggcctg	ggccgagcct	ctacctgaag	caactctgct	cttctgtca	gtctcaaagc	1980
acaaggagg	tcagcccagg	aggaagccag	ctgcaatgtg	gagacacgtc	ctcctcccca	2040
acccacctca	tgccaccgcc	aacccccctg	cccaggagcg	ggcctgagcc	acgtccccta	2100
ggagcagctg	gagatggcca	aaagagtgtg	ctcaggacta	ctggatccca	tgcccagggtg	2160
tccagcagac	ctcaaggcag	aagggtcacc	taaccaggga	gttccacaga	ctgatgtgac	2220
ctcaggttcc	cacatcagtg	gccaccaggc	agggcccacc	tggtagaagt	gttctggata	2280
tggcccagg	tgggtgtgtg	gctaagtggg	cctgaacaga	gggaacccta	gggcccttgg	2340
ccaatgtgat	taaagctgcc	atcttg				2366

<210> 2907

<211> 1594

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1289)

<223> similar to gi984814 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2907						
gttgtgagtg	acaccctaaa	agaagctggc	accactaca	tcattggctac	tgatgggtacc	60
cagttgcacc	acattgagct	caccgcagat	ggctccatct	ccttcccaag	tccagatgct	120
ctggcctctg	gtgccaaatg	gcccctgctg	cagtgtgggg	gactgcccag	agacggccct	180
gagcccccat	ctccagccaa	gaccactgc	gtaggggact	cccagagctc	tgctcctca	240
cctcctgcaa	ccagcaaagc	cctgggcctg	gcagtgcctc	cgtcaccgcc	atctgcagcc	300
actgctgcat	caaagaagtt	ttcctgcaag	atctgtgccc	aggccttccc	tggccgagct	360
gagatggaga	gtcacaagcg	ggcccacgct	gggctgggtg	ccttcaagtg	ccccgactgc	420
cccttcagtg	cccgccagtg	gcccagggtc	cgggcgcaca	tggcacagca	ctcaagccta	480
cggccccacc	agtgtagcca	gtgcagcttt	gctccaaga	acaagaagga	cctgcgtcgg	540
cacatgctga	ctcacacaaa	ggagaagcct	tttgcatgcc	acctctgcgg	gcagcgtttc	600
aaccgtaacg	ggcacctcaa	gttccacatc	cagcggctgc	acagtcctga	tgggaggaag	660
tcaggaaccc	ctacagcccg	ggcccctacc	cagaccccaa	cccagaccat	catcctgaac	720
agtgatgacg	aaacactggc	caccctgcac	actgcactcc	agtccagtca	cggggctcctg	780
ggcccagagc	ggctacagca	ggcactgagc	caggaacaca	tcattcgttg	ccaggaacag	840
acagtgacca	atcaggagga	agccgcctac	atccaagaga	tcaccacggc	agatggccag	900
accgtacagc	acctggtgac	ctccgacaac	caggtgcagt	atatcatctc	ccaggatggt	960
gtccagcacc	tgctcccca	ggaatatgtt	gtggctccctg	aaggccatca	catccaggta	1020
caggaggggc	agatcacaca	catccagtat	gaacaaggag	ccccgttcc	tcaggagtcc	1080
cagatccagt	atgtgcctgt	gtccccaggc	cagcagcttg	tcacacaggc	tcaacttgag	1140
gctgcagcac	actcagctgt	cacagcagtg	gctgatgctg	ccatggccca	agcccagggc	1200
ctgttttgta	cagacgagac	agtggccgaa	cacattcaac	agctgcagca	ccagggcac	1260
gagtagcagc	tcattaccct	ggccgatgac	tgagccccga	gggcccacaa	cagatcatgg	1320
atttgccggc	agctctcctg	ggggtagggg	gccaccagga	ctcacctccc	tcttcattta	1380
ggatctccag	atactggata	gccagcatcc	tctcattccc	agggagccag	acctgtgctg	1440
ttgggggttag	gggcagccat	gggccccagc	caggacatgc	tgggtgcccc	agcctgcagg	1500
caggcttttg	gagagaaatt	tatttttgtt	tgggtggacc	cactggcctg	tcagtctcaa	1560

taaagggacc ggagtccagt cctgaaaaaa aaaa

1594

<210> 2908

<211> 1632

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (70)...(1249)

<223> similar to gi3638956 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2908

gccagggggtc	caggggaggc	caggggtgag	aggccaggcc	cagcctgcca	gctgtgtggg	60
gggcccagacag	gtgagggggc	gtgttgtggg	gcaggagggc	cggttggggg	gcccctgctg	120
ccccacaggc	tactgtactc	atgccgcctc	tgcaccttcg	tgtcccacta	ctcgagccac	180
ctgaagcggc	acatgcagac	acacagcggg	gagaagccgt	tccgctgtgg	ccgctgcccc	240
tacgcctcag	cccagctcgt	caacctgaca	cgacataccc	gcacccacac	tggcgagaag	300
ccctaccgct	gtccccactg	cccctttgcc	tgcagcagcc	tgggcaacct	gaggcgccat	360
cagcgtaccc	acgcagggcc	ccccactcct	ccctgcccga	cctgtggctt	ccgctgctgt	420
actccacgac	cagcccggcc	tcccagtccc	acagagcagg	agggggcggt	gccccggcga	480
cctgaagatg	ctctgtctct	tccagatttg	agcctccatg	tgccaccagg	tggtgccagt	540
ttcctgccag	actgtgggca	gctgcggggg	gaaggggagg	gcctctgcgg	gactggatca	600
gaaccactgc	cagagctgct	attcccttgg	acctgccggg	gctgtggaca	agagctggag	660
gaggggtgagg	gtagtgggct	gggagctgcc	atgtgtgggc	gctgcatgcg	aggagaggct	720
ggaggggggtg	ccagtggggg	gccccagggc	cccagtgaca	aaggctttgc	ctgtagcctc	780
tgcccccttg	ccactcacta	tcccaaccac	ctggcccggc	acatgaagac	acacagtggg	840
gagaagccct	tccgctgcgc	ccgctgtcct	tatgcctctg	ctcatctgga	taacctgaaa	900
cggcaccagc	gcgtccatac	aggagagaag	ccctacaagt	gccccctctg	cccttatgcc	960
tgtggcaatc	tggccaacct	caagcgtcat	ggtcgcatcc	actctggtga	caaacctttt	1020
cgggtgtagcc	tttgcaacta	cagctgcaac	cagagcatga	acctcaaacg	tcacatgctg	1080
cggcacacag	gcgagaagcc	cttcgctgtg	gccacctgcg	cctataccac	gggccactgg	1140
gacaactaca	agcgccacca	gaaggtgcat	ggccacggtg	gggcaggagg	gcctggtctc	1200
tctgcctctg	agggctgggc	cccacctcat	agcccaccct	ctgttttgag	ctctcggggc	1260
ccaccagccc	tggggactgc	tggcagccgg	gctgtccaca	cagactcatc	ctgaactagg	1320
tcctttcttc	ccatgtttta	tacagacgga	ccagaagcca	cctttttctc	ccccgctggc	1380
caggggctcc	acacagacta	acgtaggcac	tataaggacc	agcccaaccc	catggggcggg	1440
ggggcccata	tggaccaggg	gaccttgctt	tgactgaggc	acttcacgag	ctcagtgaga	1500
agggccctgt	attcacctcc	actgccccca	ggggctgtgg	acaaaccggc	tgggggactg	1560
cccagcctcc	cacctgttta	tttaacttat	ttcagtgcct	tataataaag	gaaacactaa	1620
caaaaaaaaaa	aa					1632

<210> 2909

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (812)...(322)

<223> similar to gi5640017 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2909

tttttttttt	ttttctcaaa	ccaaacgtca	ctttactttt	ttggttaactt	ttcattataa	60
taataaaactc	tatgggggat	tttgcagcct	ccataatctt	ctcccttgta	acaaacgtgc	120
agtccgttca	caagctgtaa	aaacaagccc	aaacccaaga	catcacaaga	ggcaagagca	180
gtggcagtga	gaagggaccc	tgtaaaggat	gtttcaaagg	aggggtcccag	gctatgtggc	240
cactggatgt	aggcagtga	ctgagtcag	gctttcggtc	tgggaagtgg	cagaggctga	300
cacaatggcc	aaagaggatt	tggagaggaa	actatgctcg	gtttcactcc	tgccagccca	360
acagcctatt	ccctgggtgtg	aatcaactgg	tgtttgatca	actttgatcg	ctgggctgaa	420
ggctttccca	caagcagcac	agtcataggg	cttcacccca	gtgtgaatcc	tctgggtgctg	480
gatgaggacc	gaacgctgac	tgaaggcttt	cccacactca	ctgcatttgt	aggggcgctc	540
gcccgtgtgg	attatctgat	gctgaatgag	gtgtgagctc	tggctgaagc	cctaccaca	600
ttcaacacag	gtgtagggtt	tttccccagt	atgaactttc	tgggtggtgaa	tgagatttga	660
gcttcggttg	aaggctttac	caactggtt	acattcatgg	ggcttcagcc	cattatgaat	720
cctctgatgc	tgaatgaggg	ttgagctctg	gctgaagggt	tttccacatt	cagtacattc	780
atagggtctc	tctccagtgt	ggactcgct				809

<210> 2910

<211> 1197

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(500)

<223> similar to gi567232 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2910

ggcagcctga	gcgaggagac	ccccgcgggc	ccccccacct	gctcagtgcc	cccagcctca	60
gccctaccca	cacagcagta	cgccaagtcc	ctgcctgtgt	ctgtgcccg	ctggggcttc	120
aaggagaaga	ggacagaggc	gcggtcatca	gatgaggaga	atgggcccgc	ctcttcgccc	180
gacctggacc	gcatcgcggc	gagcatgcgc	gcgctgggtg	tgcgagaggc	cgaggacacc	240
caggtcttcg	gggacctgcc	acggccgcgg	cttaacacca	gcgacttcca	gaagctgaag	300
cggaaatatt	gaagtccagg	gagggagcgc	cccggggcgc	gtccgccccg	tcccacacta	360
cgcggggccc	ccactcccgg	ggcctgctaa	tctgaggccg	atccggggacc	ggcctccttg	420
cgtctcccat	tcccaagatt	gtcccgcctc	tgccaatccc	cgcgcgtcct	ccagcccacg	480
acctgcgcgc	ccgaggagcg	gcatctgtcc	cgtttcccga	ttgggtctgt	cgtctctctc	540
cgcctagcga	cagattcctt	ctattaaggg	attggctcgc	tgagttctaa	gctctaaatg	600
ggtcaactcc	tttgttttcc	gcctagcgac	aagggtattg	ctcgcacggc	attggctcca	660

tcccctagtc	gctggacagc	tctttttttg	attggtcaa	atcctgtaa	gggcttgacc	720
agtctctaca	tagtcaccgt	ccgcttttcc	tgagttctcc	ctcccaattg	gctccagctt	780
cctgggggcg	tggccaagcc	ctcctcttcc	cagaattggc	ccggggcctt	caatttacgt	840
tctttacact	acgggggactg	gggtcgtctt	tgcccacgtc	ccgacaactt	gttccctgac	900
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catccccaca	acagcctgcc	aatcgaagcc	cgtccctgca	tccaggatgg	taccagctcc	1020
cgccctcgc	ccccacctc	cacaggtgcc	ttaaagggcc	ctcgtccacc	caaggtgggg	1080
ggcaggggcc	ctcactctcc	ggccctggtg	tgggggagag	agtgaggggt	tgggggatcg	1140
gcagttggga	ggggcgctct	gagattaaag	agttttacct	ctgagataaa	aaaaaaa	1197

<210> 2911

<211> 2228

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2227)...(1017)

<223> similar to gi5911290 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2911

tttttttttt	ttttaatcaa	tatttgaaaa	atgtaacttt	tattctgaac	atgtagtatt	60
tatcttttatt	agcaattttt	ttcataatat	aagcatgcct	caatcatcca	aaagctatct	120
acctatctat	ataaattgat	atacatgcta	ctgaattgac	ttcttaatag	actcatatgg	180
taagtgttat	aatgactaat	caacctactt	ctgataattt	tgggtgtaa	aaaaatgata	240
tttatttttt	attaaatcaa	gtttacctat	caaattccct	tttagaaaa	cactgcaagt	300
ttagtcttac	caagattgca	agtaaatttt	aaaattatgg	tgctgtaaat	aaaaagggtt	360
taagttgaaa	tgtgtactga	gattagccat	atcacaaaag	tcctatcatg	ggtaatgaaa	420
agtcttattt	ttaatatatt	tttgtttcct	ttttcttttg	acatgtggcc	caagataaga	480
aggtcttatt	ttttaaatgc	caaagaacag	tattcaacaa	aattcgattt	aattttatat	540
ctaacaacaaa	catagaaact	ggctagtcac	attcaagtca	attggtcaca	ttgtatggaa	600
tacaaaaata	aatgagaaaa	aaaaccagtt	ctacaaaaat	gctttgttat	tataataactg	660
aaccacatta	aataaaaaatt	cattttttgaa	aaaactgcct	gctataagaa	aatgaaagtt	720
agcaggataa	atcataagca	aaacatttag	aacaaatgta	tgaacacatt	gtggttatca	780
ccattacaaa	tgtatacaac	accttacaaa	aatcttaaat	aaaaatgtaa	aaatattttac	840
tggcagtgaa	tatggcccag	gctaattata	ccaacgggta	ggtgatactg	ggaaactaca	900
agatcaatta	caataatcac	cttttaagat	gatactaaaa	caaagtgtac	atcctcctta	960
gaattaacca	gggttaataa	tacatgacaa	gggttataaa	gcaactccat	gttaagtagg	1020
aattcggctc	ctcaaataat	caagtatagc	agctgttcct	ttcattaata	tggctgctcg	1080
aggaactcgg	aatggatttc	catccagtag	taatgttctt	aagtttacac	aattaccgag	1140
ctctgggtgga	atttgtaaga	ggtcattatt	ttgaagggtc	aacgtgggtc	gattttccat	1200
catcttcatt	ttctgagggg	ccacagatcc	aacctgatta	ttactaatca	gaattgtttc	1260
aagtgtgaag	atagcatata	gaacttcagg	tagcatttta	aacctattaa	aggaaagatt	1320
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aatttcacat	agttgattct	tactgaagtt	aatagaagtg	acgatgttgc	tttttactgc	1560
atcaaacacc	tcacagaggaa	tcaaagttgc	ttgtttatca	ctatagtcta	atatttttaa	1620
tgtaatgatg	gcatgtatat	tgactctgga	ttcactggta	gtgtcatggc	agtctcagta	1680

gcagactcac	ttggctaggt	ccatcatctt	tgatcttgct	tcgtagatat	tttaggactt	1740
cttgtgttcc	tttacttata	atttctcttc	gaattgttct	caaaggattt	ccttctaattg	1800
ccaaaaattt	caaatgaagg	ttccccaatg	aataggggaag	actactaata	tcattgttgc	1860
ttaggtcaag	cctttccaag	gaccgtagta	gtataatttc	atctggaaca	gattttaact	1920
tgttatccct	caggtctagc	acaagaattg	aattcagatg	tttaagatgt	tctgcctcta	1980
acatttcaat	ctggttttca	cctacgtgca	attccttcaa	tagactacaa	gaaggaaatt	2040
ctggtagaaa	acgtaattta	ttcctccgca	aataaagcaa	ttctagtgat	tccatgccag	2100
ccaattcagg	aggtatagtt	tccaagagat	ttgaattaca	atccaaatgc	ttcaaccttt	2160
tcattctatt	tatttctgct	ggcaaactct	tcagttcatt	actagaaaga	ttgagtcgca	2220
ccagactg						2228

<210> 2912

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(467)

<223> similar to gi3880922 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2912						
ctgcagaaga	tttgcttat	tatggtggct	ccgtggaaat	tgctgactac	tgccctttca	60
gtcaggaatt	cagttggcat	ttaagtgggt	aatatcagcg	cagctcagat	tgtagaatat	120
tggaataatca	accagaaatt	tttaagaact	atggcgctga	aaagtatgga	cctcattccg	180
tttgtctaat	tcagaaatca	gcattcgtta	tggaagaagt	tgagaggaag	ctgagttacc	240
cagactgggg	aagcggatgc	tatcaggttt	cttgttctcc	tcaaggtctg	aaagtttggg	300
tccaagatac	ttcatatttg	tgtagtcggg	ctgggcaggt	cctccctgtc	agtatccaga	360
tgaatggctg	gattcacgat	ggaaacctgc	tctgcccata	atgttgggac	ttctgtgagc	420
tctgtcctcc	agaaacagat	cctccagcca	ctaacctgac	ccgagctctg	ccacttgatc	480
tttgttcctg	ttcctcgagc	ctggtgggtca	ccctctggct	tctgctaggc	aatctgtttc	540
ctctgtgggc	tggattttct	ctgtgtatat	ggcactagga	atggaaaagt	ggatcttcaa	600
gatattcttt	tatggtatgt	tcttggaac	aaagcacaaa	gtttgagtga	gtgccaacct	660
atgcagatgg	tagaagtggc	attcctggct	ttggcttgga	agattgacga	ccatcagacg	720

<210> 2913

<211> 1771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1772)...(1416)

<223> similar to gi3875473 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2913
acttatctgg atacacatac attcattaca gaatttaaaa agaattggta cctgtttgta      60
ctaatataga ctaagttgca ttagtaggaa acaaagcaaa ctggaaggta cttattttaa      120
aatcattatg aaagcatttg tccatctatg taacatgcat ggggtgggaag ctagattaat      180
attcaataac cgggggaaaa gggtaagggg gtgagttagt gtctggtaat tttttttac      240
caaaaaatga atttatgatg agaaattttg aagaattata ctgtagcagc aatagctgat      300
ttgtaagtat cgtcttttat atgtagtagt tcttcactag agctcatgaa aaaagtattc      360
catttaagat gttacaaatt acttgatggt ttaatatggt ctttggtgaa tagcttattt      420
tacatttcag tcaaaatagt tatttcacag gtgaaaccac taagtagctt acttcctacc      480
ttttaaatga ataaagttag agtcagccac attgcttgag tcttgccaaa atcttttagag      540
aaacaacaca aactcagaca tctaagtcag atcaaattag agcccaatat ttttgatact      600
tttattgtat atgactagtt ttctagaaaa ctattccaga agatacagtc ttccttccag      660
aaaatacagc tttactgtcc ttaagtgcct aatcattttc aagaggagga gcaaacagtt      720
tgccctcaag tatctggtct atcaacaggg gtctggctaa ggaaaaaacg gccttagaga      780
gtgatgaacc tacttaacac tacctggtac ctcaactcat gctaaacatt ctaatttgag      840
caaagctaaa tcatgggtct tagtctgttt agcaaaatct ccacaagatg aaatttagct      900
tactacccca aactgttcaa tgttttgggt ccaattttaga cacaaaaaaa tgttttataa      960
tcctagacat tagattaatg aactttttaa aaacaaagtc atgtttgggc ttagaagttt     1020
gcataatggt acacagaatg attatgatat cttccgaaac agcttggggg tggggggaag     1080
ttacacatag gtgcatttgc ataactatcc aaactatttt actgttttca caagtacaac     1140
ataaataaca aagggtgctaa tttcaaagac aggtttcaaa caatgagaat aagaatatat     1200
tatttcatat caggcaataa taaccttagc ccaaatactt ttaacatcta aagtgcatta     1260
attgacttcc ttaggaattt tcctaaggac caaaggtaga tacaaatggc ctatttttaa     1320
tagtaatatt actccatggt cacagacact taaaggcaat cactattcaa catacaattg     1380
tggaatttac tgatttttag ttctcagaat tagagttccc tttgttttct cteccaggca     1440
aaggaaagct tgattttgct tgggggttag aaagtttact ggctaataaa gtgaatggtt     1500
caatcagagt tttccgactc gtaacagtca cctcccacag tcttactttc tcactttttg     1560
cccactgctg tgccacttca gcgtccactt gtctctgctc agaaaggctc attttgtttc     1620
ctaataccac aattgctacc tcttttttgt ctttgaactt atcgatttct ttcttcagaa     1680
gctccactct ttgaaaggat tcaaggttat tcacactgta cacaagaacg aagccatcag     1740
caaatgaaaa ataatgcttt ggcagctcca a                                     1771

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<210> 2914

<211> 1309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (734)...(181)

<223> similar to gil644232 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2914

```

tttttttttt ttaatagcca agtattccat ttattaacaa aataagtctt accaagggag      60
agctctgttc gtcccaaaca ggccccgcag cccccgcgct gccgcatcag accagaagga     120

```

gggaggagtg	gggagaagac	cccagtcgct	gggggggtcca	ctctggggggc	tctgccggggc	180
caggcctagg	agagggcggg	ggctgctgtg	atccgagagc	tccctgacgc	cccaaccttc	240
cccgaacgca	gctaacgagc	tcgtgacatc	cgctgacatc	gccaccggtc	tgctttggag	300
ggatctagcg	agagtcacct	acccccaccc	tactgccagg	ggaggggtcg	ttgccccccc	360
gagggagaga	aaaacaagga	ctataatgca	cttcgcaaaa	tgtaaggggc	cggcttcacg	420
ccagcggggc	cttctgggac	tttgaattca	accaggtgag	cgctccaggt	gccccgacag	480
gcgactgta	gccactgggt	gttaggggcg	ggagtctgga	aggtgacggt	agacggccac	540
ttgggcccct	ctggggggcga	gcctactggg	ggggtcaggg	ctctccgtgc	tcagagcaag	600
gtagaggagc	aaggccctac	ttttgggggg	caggggtccag	accaaggacc	ctatgcgcgg	660
aggggtggcg	gggaggagtc	ccggagcagt	gtaccaggtc	aatagagctc	cagggcccct	720
gccaccagag	tgggcccctc	cacccccaaa	atgagttaca	aaaaaaacct	cctctctgtt	780
acttgtacaa	caaaggaaaa	aacaaaacaa	aacaaaacaa	aaaacaaaaa	cagaacgcaa	840
atggaaggaa	acaagaggga	atgaaggggg	aagagggaaa	aagagaaggc	ggaaacgtag	900
ttttaagtta	agactcatgc	aagaaactcc	ccaggaaggg	aaaacaaaaa	gtctagaaga	960
acccaaagac	cccaactctc	cctcaaacca	aaccaatcaa	aaccaaaaaa	agaggaaaag	1020
gaataaaaaa	tgtaaaactt	atatctaaga	aaaaataaca	gaaaggaaca	ggggcgggga	1080
tcagtgcgtt	atttgtggga	ttaatatatt	tatttgggag	aacacagact	ttttgcatac	1140
cattgactca	tgtgggccgt	taatgcactt	atattcccag	cttgtaagct	aacattatag	1200
taaataaata	cacagtccgg	tggggaaggg	ctgggtgggg	aatcccggca	gggtcaagca	1260
gtagtgaggg	ttgcagcggc	gacggcaggt	ggggagggag	gaggagggga		1309

<210> 2915

<211> 1507

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1509)...(292)

<223> similar to gi3183977 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2915

tttttttttt	ttgttgagca	gttggtttatt	ctggccctca	cagccttggc	tagtccacaa	60
aggccctggg	gatgggcaac	aggctacagg	aaccacctg	tcttcctggg	cagggcccct	120
ggccccctagc	agcaggccaa	tcctggtggg	gcacagggtt	ctgtgccctt	tggtgccta	180
cctctgaata	tcctggccag	caagccatgc	cttccccgcc	cctggggccc	tgggagccct	240
tcagctcctg	tccccataat	gggtcctggg	cctaggatga	ggggaaggtc	ccagtttctt	300
gtaggggtgtt	atctgggggt	cctgggtgtg	gttagactgg	agggctgtgg	ggccccaa	360
ccccgtgtgcc	attgggggtg	tccaccctct	caaacaggat	gagcatctca	cagtgcgggg	420
tctgcgggaa	cagggtccact	gccacagccc	ttgaccggcc	ggaagggaat	gcccttcacc	480
cggttagatg	gggtcttgca	gaggtccaca	aagttgccca	tggtgcccgc	ggggttgcat	540
gagacgtaca	gcagccgcct	gaggtttctt	gctctccgga	tggccaggat	caccttgga	600
tgcaagccag	cacgggggtg	gtccaggatg	gccacgaggt	gctgggaggc	cagtctgtct	660
accaggggtg	gcaccagggt	ctcgccctc	ccgcagtggg	actccacatt	actcaactca	720
ttgtcctggg	cggttcacccg	ggcgctcctc	acagcctctg	ggcatagctc	gacccccaatg	780
accctcttta	ccttcggggc	cagggccagg	ccaatgggtg	cggtgccaca	gcacacgtcc	840
agcaccatgc	tccccgcata	caattggggc	cagtccctgg	tgactgtgta	gagcacctcg	900
gctgcgggtg	tgttcacctg	gaagaaggcg	tgtggagaga	tccggaagg	cagccctagc	960
aggctcctcg	ggatgcaccg	gtccccagcc	acatgctcca	ggggcaggcc	ctcctggcta	1020

ggagtctttc	gctgtccctc	ctccacaaag	tagaggcagg	tcactccact	ggccctgcct	1080
ggccctgctg	tgaagtgctg	cgctagggag	gtcttcagct	ctgccagctc	ctcagggctc	1140
agcttctggg	ggtggaagta	ggcaatggcc	atggcctggt	ggcggcggct	ggtgcgacac	1200
gtcagctgct	tccagtggcc	tgtgtacgtc	tctgggtcgt	atgccgagta	tggagtggac	1260
cggatgaact	cctggaaggc	cttcaccacc	tgcttggtgg	cttcggggat	gtgcacgggtg	1320
tcaaacgggg	ctgccacagc	acacgtcccg	cccttggtact	tgccgagccg	acagcccacg	1380
gtgttatcct	ccccatccac	cccgaagcca	accagaaact	cacacttatt	acaaatactc	1440
agtctgctgg	ggtgatagcc	tgacccctc	cagcgggcag	caggccttgt	tgtgctagtg	1500
cctctgc						1507

<210> 2916

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(359)

<223> similar to gi560476 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2916

gaaaacctga	aaatcatgtt	gaagctaaac	ccatatgcaa	agaccatgct	ctgcaacacc	60
aggctttgcc	aggccagcaa	ccacaaactc	caggtggata	aggcagcggc	ggcggtaggca	120
gcagcagcag	cagcaccagc	accagcacca	gcagcaccag	cagcaccagc	agcactagag	180
gccaaatcag	atgagaaagg	gggttgagct	caagaagcct	gtggtaggga	agaaaggaaa	240
gaaggttggt	gtttttaagc	aggagaaacc	tctggtggga	aaaaggggcag	cagctaccaa	300
ccaagacatc	agtagctgaa	aaaaaaacct	accacagagg	aaacgaagcc	tgctgcatga	360
gcttggtggt	ttattccata	aaggtcaaat	aattttggac	agcttatttt	taataaaaaga	420
cctgatcagg						430

<210> 2917

<211> 1104

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1107)...(186)

<223> similar to gi2224903 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2917

caaaactttt	cttttctttt	tttggcatgc	aggctctttt	tactgttctg	agcagtgttt	60
tgcaatgtgt	gacccctccg	cactgttggg	gaacatacag	aacctcctat	atgggcaccc	120
aagcccaggc	cagtgtgaaa	accttggcgg	gggggtgggg	gagaatgaga	aggggaggcc	180
cctagcctga	ctcagagggt	aagactgcta	ggccctgctg	tccttggggg	acgaactgtc	240
aagggccttt	acctcccccc	gccccgcgg	gtgggctttt	ggaaggtgga	tctcccagga	300
cgtcatgcag	ctccgggcca	tccaagatat	caggaaattg	ttgagcacc	gttaccagc	360
cggggaactg	ggctttgacc	tcaatttcaa	gcctttctgg	aatctcccca	ttcacaatac	420
ggagagaact	ctcaaaggga	ctttgctgcc	caccagtggt	cactgtgaaa	ctggccgatt	480
tgggcaccag	acgctgagcc	actccatccc	tagcaaacc	cagcatgaca	ctccctggca	540
gtagctcccc	aacgtccaca	tcgccacctc	cgttcctagt	cttgccaaag	aagatctcta	600
gcttgtccag	cagctcctcc	tcactcagcc	tgaggctggc	aggaaatcca	gtgaccaaca	660
ccctccggcc	actcaactgg	ctggacacca	tcacctggat	ggtggtgacc	atgggcagct	720
ccaagggctg	gacctgcacc	cgcagccggc	actcctccat	gttgatcgtg	tgctcctttt	780
gattgcagac	ctgctcagcc	actttggggg	catcaaagg	gatcagagca	gagcccgcaa	840
gcagagggca	gtggatccgc	aaattggaaa	ctaaagactt	aggcacttcc	gggtcctgct	900
gggtgtgtcc	tcggaatacc	agggggatct	tgggcactga	aaatgggacc	ttgtcttttg	960
gggagtcccc	gagctccttt	ctcagctgct	gcaggtccca	cagcctcatc	ttgagtctgg	1020
cctgtctctc	ctgaagggcg	tggagggcgg	tctggcctgc	tcctcctgaa	gggcgtggag	1080
ggcgcatcc	agtggggctg	acat				1104

<210> 2918

<211> 1924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1809)...(783)

<223> similar to gill150495 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2918

tttttttttt	ttgaaaatac	tgttttatta	acaccacagt	gataaacaac	tttaagctta	60
tgttttcttta	tagatcactg	gtcacacat	aattcaaaac	ccacacagaa	gctaagagtc	120
tttacattaa	atatattctt	cctaaaaatc	cttactgtat	gcattctgtc	tcaagcagta	180
aaatttgatt	atgccccatt	ttataattaa	tatggtcaca	tttacatagg	caaaataatg	240
gaagggcaca	gctaatacaa	ggcaaactta	aaccttttct	acttctgagc	tgggggggtg	300
ggggcacaca	cttgggattg	gttcttcaag	tatgtatttt	ttccaaacat	tagcttcagt	360
gaagagttct	gatgattttc	acagctaccc	ccctaaaagc	tacatgacag	aaagacgtca	420
caagggcga	agtacataac	gctggataca	catgctttac	ataatttgct	acattctaca	480
tctcttcaag	taaattaata	tttctaaaac	gctaggtaaa	gtgatttaat	acttaaacad	540
atttggggta	ttttttacgt	gtttgtaaat	agacagtact	aagaaaacac	aaacatgaga	600
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ttttcctggc	cttattaaca	gtagtgtcat	gatctccatt	gcaatcttcc	tcaatgccat	780
caatctcctg	tgaagtgtaa	agctgatgtc	tgcgttacaa	aagcaaagtc	tcaaagatga	840
cgtttttctt	gggtttctgc	ttctctgcac	tgcgaaatgt	catgagtaaa	gaaatttaag	900
aattaagcac	tgagaacgtg	ttcagtcatt	gcttgggtgt	tccatgtgta	gcgtatgctg	960
tgtgatgaat	gggtttcaaa	gtgacgttct	ttacttcgca	tctgctaaca	ccctttgtaa	1020
acctcaatcc	tcagagaaga	gaccatgaaa	acataatttt	gggttttaatt	cagttttctt	1080

taacaccttt	tgatatattt	attatgttca	aatgaaagt	caaatttgaa	tcgagctggc	1140
caggatctaa	ttgctttaat	ttaatctatt	ttaggaatgt	cagaataaat	tcacattgta	1200
ttttgggtcaa	aaacctgagc	ctttttaagt	ccatcgatat	tctgggaaaa	acaaaaccag	1260
gcttttttct	tcgtgggctt	tctcttcate	catctctgcc	ccccttactt	cttggcggtca	1320
tcaggcatct	cggcggtggc	atcgatcatgt	ttggccccc	cggcagcctc	tgccgcagcc	1380
tcctcctcct	cctcgtcttc	cccctcctcc	tcgtcatcct	cgtactcctc	ttcctcctcc	1440
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gcgagtaggg	gcttatagat	gtcattatac	tttttttcca	gagcctgaaa	ttccttatca	1560
aatttggctt	ctatcttatc	gcacgccttc	tgacgctttt	tgagggccag	gactcggcat	1620
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gctgccgcgc	cctggctagg	ctccgcaggc	ccctggtttt	ccgagtcggc	catgttagag	1860
gagaagccgc	agaggtctag	gagggtccc	gcagaggccc	tgaccccgag	ctcggacgcg	1920
tggg						1924

<210> 2919

<211> 1966

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1875)...(1168)

<223> similar to gi460903 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2919

gaatgcacct	gagtcactgc	tgtagctaaa	caagcaagtt	gtaagaaaat	ccataggcta	60
tacagacttt	tggcaatcca	tcaaatttat	cacctgaggg	tgctgttaaa	tgctgtgctg	120
gaaagaacaa	agacaggtag	agcttacagg	acaggacaga	acaacatgga	tgtagatttg	180
ctcatcctcg	cccaacactt	agcaccagtg	cccaaactct	ttatttaggg	aaccgtctcc	240
tgctgactac	atgtccagg	ctccatgcc	aatgagccac	aggatcctgc	ctgcagcaca	300
cacactccaa	ctccatgga	aattaagtct	ctcattctta	acaacaaaga	aaagccaatt	360
aaaaagtaaa	caaacaaaac	tgagaagttg	atcttaattc	ccactaattc	tctttcaggc	420
ccttgggcaa	gtactaattt	ttatagctgc	tttatectac	tgacattgca	aggcagggat	480
taacaagtct	agtttctttt	attgccagaa	aattctttac	atctaataata	tattccatgg	540
ctacaagttc	caaccggtt	ccccatgat	tccattagag	atgtcttcta	ttttccaaac	600
atcaccaatg	agaggcataa	gacagtgc	taatagttca	tctggagatt	cccctagtgg	660
tggttaacaa	gatttcatca	cagtaaaaaa	ctgtgataac	aggatccaag	agaagttgcc	720
gaaaagttta	agaaggaact	caagtgatgt	ccaactttgc	aaaccgtgtc	caatgacaaa	780
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tgagactatg	gaaattggta	agcctgctac	tgtgaagaga	atgggatgca	attaaacatg	900
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aaaatgactg	gagagatcaa	tacaaagcca	acaatgttta	cttctgtgac	cacagaagac	1020
tactgagtgg	ctgcagagca	agtcttgatt	attttctgtg	aaatgtatgt	ttatcccatt	1080
ttctgatgta	aaatttttca	aggtttgtga	tttttctttt	acataaattt	tagtgccaag	1140
ctccatttgg	tgaatgtctt	cagaatgagg	acactggaca	agcttctctt	cacaggtgga	1200
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tatatggctg	ctcacctgtg	tgggttctcc	ggtgtttaat	aaggtgggag	ttctgactga	1320

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tgatgcttgt	atttctaagt	cagaaagaga	cacaggctga	tgattttcag	tgctgttttt	1860
gagctttaac	cctgtaggag	attttccggc	actatcctta	aactccgggg	atacttgaac	1920
ccatggctct	tccccttgct	ctagacagga	gatcacttta	ggtttg		1966

<210> 2920

<211> 1925

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1926)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1890)...(785)

<223> similar to gi4519623 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2920

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tctctgtata	aagtgttat	agagatgtgt	gttgaggtaa	acagcttcat	aaaaaccgtt	120
gagcagggaa	gcacagccac	tgctatagaa	atTTTTtaggt	aagtctggtg	ctagcattat	180
tctacaaaac	tgtttacacc	cattataaat	aggggacagt	tcttattgct	cctggagctt	240
gtagctccaa	tctgttccag	ctccactgaa	aaatgatttt	tctcaacaat	tggtagcaaa	300
gatttccaaa	tttacaaaaa	gtcattacca	atgcactact	ttttgattaa	tttctgattg	360
ccatatagat	atggactaca	gtatgcatgt	ccttgacacc	aagtacagaa	aaaaagctta	420
gaaaagtcgt	tttatcaaag	ttcagttcaa	tgagaaacat	gaaaaagtgc	aaaatatgta	480
caattcctgg	cagttctcac	acgggatttt	tttgactaca	gaccataaaa	gtttacattt	540
gtgtaatgaa	atgacgatgg	atttcacatc	actgttaata	tacaagtttt	tgcttcaaag	600
tgcttacttt	atttataaaa	gagaagatca	agagggttgc	aggaattttt	tttttttaac	660
aacaaatcaa	tggtatgtgt	cccaatctcc	ttcttctctt	tccttttagtg	caacatggcg	720
cagcagcctc	atggataagg	tctgatttca	aaagacattc	ctgaaacctc	acctacagca	780
gcaactctagg	ggtcccatta	ggggtggctc	tctttttctt	ctgcagccga	ttctgaacct	840
ttcgagattt	tactactttc	attctcacct	caaaaacttc	atgaatggcc	ttccggaagc	900
aatgaaaatt	atagtcaatt	agcccttttc	tttcaaagct	ttcctctctg	acaaagcaaa	960
cgagagccag	gaactttgtc	acctctttta	aataaagcac	ggttgtatta	ttaagcttta	1020
tgatggctgt	ggattccttg	tcataggggg	ttcctgtctc	atcttctttg	agaccataaa	1080
tacaagagat	gtcaataacc	acatctatca	tatcacagca	gagctcatag	gtttgcatat	1140
ccaccggagt	actatcagtt	gcaatataaa	ttttactgac	cacatcaaat	agaaatgcct	1200
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gaatcagttt	ctgaacaact	ttgctaaaag	cttcaaatat	tgaatgatca	tatatgcttg	1320
tcagataaaa	gctgaggtga	atTTTTtcta	atccagcatc	tgcaagggtca	tcgtttgccc	1380
tctggtgaat	atctcttttg	gtttcaattt	tgtggtcatc	tgacagacca	tccactttat	1440
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ctgttccccg	gaagatcatc	tcatagtcaa	atgtagggtc	aaaaaagtca	atctgtcctg	1620
ggaagtccca	aatctgaaaa	ttgacaaagg	agctgttgga	aacatcttcc	cggcatatct	1680
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tgctgaaggg	gtcactgaag	tccagaactc	cctcctctgt	gccgctgtcc	ggatcggcgt	1860
cggaggagtc	gggcccgtct	ccgtagtccg	ctgaattccn	ccgcngtgac	tgagtctcat	1920
tccca						1925

<210> 2921

<211> 2265

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1286)

<223> similar to gi5262588 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2921						
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ttccagggga	cccaggtgcc	ccatgctcta	gtgtcctccc	aaccactggc	atcttgactc	120
ctcaccagg	acctcaagat	tcttggaag	aagccccagc	ccccagggga	aacctccaga	180
ggaacaaggt	caatgcatct	ttccctaccc	actccctcgc	acattcacca	atgaccacgt	240
tctaattcct	tggaggattc	agtcagtcct	tccccttctc	agactgtccc	cgcctcctc	300
ccacttactc	ttctttcctc	agaaccctct	tctttctctt	tccctcttac	acacatacac	360
cagtctcctc	acttcccagt	ttcccacact	cactcttctg	tctccttggt	cactgtcatt	420
cctgccactc	ccccaaaacca	gagccatgga	gtctctcagg	ttagactcat	gtctttcctt	480
ctgtctcttt	agctgccaga	gacatttatg	ccccagcac	caattactgc	tccagttatg	540
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cctcaaggca	tgtgctgagg	gagactgggg	gcaggtagca	ggtgtcctta	ctgcagagaa	780
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ggggactagt	ccttagggaa	gccatgagaa	ggacagcttg	cccctctggc	ctttctccct	900
gcttctttat	cagcagcttc	agcacctgcc	acctgagaag	atggaaagga	aggagctgcc	960
cccagagcat	cagtccctga	agagcagctt	tgaggcgctt	ctccaacgct	gctccctgtc	1020
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tgcccgatgt	gtggatgcag	gaagctttga	gcagggcctt	gcagtgcagt	cccaggtggc	1200
gggctgtagc	agcttcagcg	aggtgtccag	cttcatgcct	atcctgaagg	ctgtcctcat	1260
catcgctcat	aagctgctgg	tctaaaccag	gcagcctctc	ttgctaggag	gccacttctg	1320
ctgttacata	actcctccct	gcagaagagg	ggacttctgc	aacagattct	gtttcttttt	1380
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agtgcctgct	ttttactcct	ttatgtctgg	ccttctagga	tctgtccaag	acactctcag	1500

gcctggaggg	agggcataga	atcagttctt	cactctccct	aatactacac	tctgtaagga	1560
cctggggcag	gatatcttct	ccccagggg	tcttctatct	aagtggcttc	tgagaggggtg	1620
aacaggattg	ttacttttaa	gcctacctct	gctgtgaccc	atcatgtggg	tcttttgttt	1680
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cagggtccgta	tttctctgta	gccaggggtc	tggggtagag	ctgactgctg	ttcacccttt	1800
gaacaactca	tggacgtgag	ggatgggtgc	tgagcagaac	caagagagga	aactttggcg	1860
ctgttaaaat	ggaattttctc	atctgccggc	attattaagg	gtgggctagg	ttggatggaa	1920
ggtgaaaggg	atgaactgcc	ttttgctgga	agctgtctta	ggctgtgaga	caggagcagg	1980
ggaaccacag	cctatgggga	actgcccttg	actccaccta	tgttgagacc	ttagcccaag	2040
gccattcctt	ctgtgatgat	aaagcccagt	tctggaattg	gagccatatt	aaggaatgat	2100
tctcttcag	cgctgtcct	caagggttgg	gggtccttct	ccctcgcagc	caccacatgt	2160
ctcagggcta	ccttctccga	ttggatttgc	atttgtggca	ctgtctttga	tgcagtgatg	2220
tacttaatgg	tgcaataaag	ctgcttcgat	ttggtaaaaa	aaaaa		2265

<210> 2922

<211> 5433

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(2065)

<223> similar to gi5902966 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2922

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gatttcatct	ctcagagctc	ctctgccagt	cccgagggtg	ttgattacat	tttgcattggc	180
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gacaatgaaa	gtgaatttga	ggagcccatt	gaaattctac	tactgggagc	tactggagga	300
gcggtccttg	ggcgccacct	agtgagcaga	atcataatag	ctaagagtga	ctctcccttt	360
ggagtataaa	ggtttctcaa	tcaaagcaaa	atttctattg	ctaataccaa	ttccacaatg	420
attttatcac	tgggtgctgga	gcggactgga	ggactcttgg	gagagattca	ggtgaactgg	480
gagacagtag	gacccaactc	tcaagaagcc	ttactgccac	agaatagaga	cattgcagac	540
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acaatctatc	ctcatgaaga	aattgaagtt	gaagagacat	tcattattaa	acttcatctt	660
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tttggtgacc	caaattggagt	tgttcagttt	gctcctgaaa	ccttgtctaa	gaagacttat	780
tcagagcctc	tggctctgga	agggccccctg	ctcattacct	tctttgtcag	aagagtcaag	840
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ccaataaaga	atcaggtctt	cctatcactg	ggctctaatt	tcactttgca	actgggtgact	1380
gtgatgcttg	tccgtggacg	tttctatgga	atgccaacaa	ttcttcagga	agcaaaatct	1440

gctgtccttc	cagtctctga	gaaagctgcc	aattctcagg	tgggatttga	atccactgct	1500
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agcgatctta	ttaaagtttc	ttatcagacc	actgcaggaa	gcgccaagcc	actggaagat	1980
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tctatgagat	caacattttt	tagcttccac	acagggactc	tgacttcaag	agagaagaaa	5340
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<210> 2923

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (724)...(203)

<223> similar to gi4914617 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2923						
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agcagggggc	aggctgctca	cttcttgagg	agcttgactt	gcttggtgctt	gggggggtgcc	180
cacttgaggc	agacggagtc	cactgtgatg	ggtggtttct	tatactgggc	acttttgagg	240
tgctcctcca	ccagcttggg	tgtgacacag	atcacgtgct	ggcccttcca	gtacttgacc	300
atattgaggg	attgcagggt	actgatgatg	tcattttggg	tgatactggt	catctggctg	360
aggtccttga	tggacagtgt	gcccccgaa	gttcccgcag	gatctccagc	agctacacca	420
ggaccagtag	ctgcggtagc	tgaaggcttg	cccagggcca	gacagcggct	tctccgggga	480
gccgactgtg	ctctccagct	tggagagctc	ataactgaaa	cccgatgagg	aacttcccgt	540
agccgcggcg	ttggtagggg	ggcaaggcca	ggatgcaggc	cacattgttt	ccatccgggg	600
actcctttct	ccttggagaa	gtagccaaca	atgtgggccc	cctgccggtc	cacctcagtc	660
aggatgtaaa	aacgaacggg	ttcccttaaa	agtacatgtc	ttatgggtcca	agaaaagctt	720
ggc						723

<210> 2924

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (235)...(527)

<223> similar to gi5081610 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2924
caagaagcac catcacaagc gttcccactc accctcagtg agtaagcgtg tagaagggac      60
atgggggtgaa gctgggttgt tttggggaaa taaacacttt gttttcccct tacaatatct    120
cccttggagg gaagtttgag gattcctttg gccctgggtc ctctcccct ctcgaattcc      180
cagacgaggg cttctggagg gcagagaacc tctgcactga catgtatctg ctgatctgcc      240
cagggctctg agtcagaaga agaggagctg cccccacat ctctccggcc cccaagcgg      300
aggagcgcca acccctcaga gtcaggctct gagccctctt cctcacttga ttcagttgaa      360
agtgggggtg ctgcccttgg aggacggggc tccccttctt cccatcttct tggagcaggt      420
aagcagttgc tgtgagcgta gaagctggag aactgttgct ccagactgag aggatgccct      480
ccacaagccc cagctccttt gagggtagac tggattggga gggctgcacc tgtggaagta      540
gaaagaactt cctctacctg cccaagcaag aagctggaga aggaaaactg gacttatact      600
tcctcagagc atgaggttcc tgcctgtgaa gaatgaacag aggggctaga acaaagaaaa      660
agagcctgtc tttctcctgt tgggacttag tagggatttt tctatctcta gatcatggcc      720
ttcggaagc caagaaacca aaaaagaaaa ctaagaagag aaga                          764

```

<210> 2925

<211> 1181

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (108)...(482)

<223> similar to gi537433 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2925
tttttttttt ttgagatttc ccaggactgg ctttaatttg aaaaatctga ttgggggtctc      60
ttcccgtatc agagaaggaa cagcccaagc tatgaccca gggccaggga attcagtccc      120
caccagaccc tgtcattcca tctactaggg gtaattccag gctccccctg ccagccctga      180
gacaggagga cggatgtgaa gttgcccagg actagattct gtctctccaa agtggcccaa      240
gccctgttct ctgtactagg gaagccagct gtgtcttttc gaggacagtt ggtccagcca      300
gcaggctcag ttcagatacc agacaaccat tccagcacga gggctcagcg ccctggcccc      360
ggcggtcgct ccagtgcctg tgtgcccacc agcacatcca tgaggtagtc caattcggcc      420
tcgtccagct ccggagcttc ctcttgccc ggcccatcct cagggcctgg tttgaggccc      480
tcagaggctg gtgccc aaag ttcattgtca tacatagagg tgtcaatate ctcaaacagg      540
ccctcaagcc catcgtccag tagacagcca gtggctgggc ccagcaggtc caaggcaccc      600
aggctgggag ctgctcccc gatgctacgg cctgggtggc cctcgtctgc caagggttgg      660
ggagcctgac tcaggccctc aatgtggctg aggtcctcca ggaggctggc catggaggct      720
gaaagggcag cgtccgagct tgccagtaag ttgtcagcca cactgggggc tgcaggtggg      780
ctaggcacag gtggcagggc agccgcgggt gccatggacg cctggatgag ccgcagagtg      840
ttcacgacca gcaccaggtg ccgcaggtcc ggctcactct gctgcaggct gtggtggagc      900
ttgagcactg agaggtcaaa gagggagcta gagggcacgg ccgggggtgc ctgtgccacc      960
gctgcgtggc caggatctag ccaccaggag tgcactgcca gaggttcctt ctctctctcc     1020
tcctcccgtt tccgcttcag acccttgctc agcatcttgc tctactagcg ccaatcagaa     1080

```

```

cgaagaggta gccacccaca accaatcagg aaacggcgcc ggcagcatcg cttgttggt 1140
gtcctccgga aaccgcgcc tgggtcgcc ccacgcgtcc g 1181

```

```

<210> 2926
<211> 1055
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (900)...(629)
<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2926
ctgatgggca gtgggggtgtg ggggggaggt agataggtat ttaggatgga attctgctag 60
acaggaaaat atagttcagt tcctcatagt tcaggctgga gcaagtaaga ttccagtttt 120
accactgaat ctctgagcct gtctcctcat ctgtaaaatg ggaacagcaa tcctagccca 180
gaggggtgtc aaagtcactg tgctatcggg cctggcagaa tgggagttag aggggctcag 240
agggactgtt acaggacatg aggtgacgat ggtgggggtg caaggcagga gctgatggag 300
actcactgag aagtggagaa gcaagattca tcacatacgg gacataaagg gagatggagg 360
ggcaggggggt agtcctgggt tcggcctggt ggggaagggc ttcaatggga ggaagccagg 420
gtgtgaagtg acgggggagg tatagtgtga caccagaggg tactgagaaa gacctgggag 480
gcaggatggc ggctaggact aaatcctctc tcccagagaa ggccgagcct cctagagcca 540
gagaaggagg cagaggaggg acagcaaagg gaagaagaga tgggaggatg ccgtgtgaac 600
aaagccaagg cggggaggag aagaagttat tatcagggtg ggggtgggct gagggcatgg 660
ttcaaggcct gatgtctttg cctcctaatt ccgggggtct tgctggctgg gtcaggccac 720
tcacaggaat gggccataat ccttggttga caataaatgg acaaagcagc tgggtgctgt 780
ggctcatgcc tgtaatccca acactttggg aggccaaagt ggggtgatca cgaggtcagg 840
agttcgagac cagcctagcc aacatagtga aacccgtct caactaaaaa cacaaaaaat 900
tagctgagcg tgggtcgggc acctgtaatc tcagctactc gggaggctga ggcagaagaa 960
tcgcttgaac tcaggaggca gaggttgtag tgatgagaga atgtgccact gcactccagc 1020
ctgggcaaca gagtgaact ctgtcaaaaa aaaaa 1055

```

```

<210> 2927
<211> 767
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (768)...(642)
<223> similar to gi3878300 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2927
actgccttct tgggtgagtg cattagctgg gtagggctctg tcccggacct aactggatag      60
tgtgggaagc agtggatcgt tgtttcaaaa accatttctt tttggaaatt gtcacagaga      120
aggactagat ttgcggatgc ctaccttagc tgcaggcgta ggcccacacc tgacgcgtaa      180
gctgcctaaa cggcagctaa cgtagatcca cccagacgcc ggaaacgggg gaagctcctg      240
ctttgcatgg gttccgctcc ctctgtttg ttgtggtgtg gagccagggtg gcatgtgtgg      300
cgatggagtc acggggcggg tgacagaatt tatgccagat tgtaaaattc ctggtttaag      360
tttcccctgg aaaagtttct taaagggttaa gaaacgtgtc tgttgaggtc ctttaaaagc      420
cgggtgctctg ctgggagtaa cgagcaaacg tttgttttag catctacggc ttaagcttcc      480
atagagaagt cggtatctca aagttgcttg aaacagaaaa ggacaaagag gttggtggaa      540
tagggtaacg gataaggtta ctcttaagag gtttttagaga gctttcccca gtttttaggag      600
atgattaatg gtcataaag tgtgtaaaat atacatgcta ttggagttgc aacgaaagac      660
ataattactg tgccccttta gtgttttcaa acattttcca gatctcacat cctataattt      720
tagagtttat catctgaggc agaaacaaga cgactggaat ctgatga      767

```

<210> 2928

<211> 955

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (944)...(591)

<223> similar to gi244774 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2928
caaagtagta atatcacgga tttggtagac atttttctta tcacaatgct tatttctaca      60
ccttcacagc attttcctat gcttaccact ttaaggagat cagaattact gtctcagttt      120
ggctggggct gctcagtcca aaatttgga ctgagatgag ttacagattt cagtttagtt      180
agagtttctg aattgcatca gaacagctgg gtctacttcc agagtgggtc ctcttgaggt      240
ttattttgac tcatggttct acaggttgta agggaagcat ggcaccagca tctgcttctg      300
atgagggcct caggaagctt cccatcatgg catatggcaa agagggagca agcaaatcat      360
ggtgagaaag gaagcaagag tgagcgggag gaaatgccag gctcttttga acaaccggat      420
ctcgcatgaa gtcataagat gagaactcat tcattactgc aaggacaaca ccaagtcatt      480
tgtgaagatt ccattcccgt gacccaaaca cctccgggta ggcccacctc caaactgga      540
ggtcacattt caacatgaga tttggagggg acaaacatct aaaccatata aagatttttc      600
atattattgt cttaaattgat tctatgtat ttcataattt tggagctatt gtaaatgaga      660
ttgctttctt gatttctttt ttcagattat tccccattga catatataaa tgctactaat      720
ttctgtatgt tgagtttgta tcccagcaac ttaactgaat tagtttacct agttcctagc      780
agtttttttg tggagtcttt aggtttttct aagtgtgaag tcatgtcatc tgtgaacaag      840
gctatgattt ctttctttcc aatttttagta ctctttattt ttttcccttg cctaattgct      900
cttcaggac ttccaatatt atgttaaata aaagtgggtga aaagtgaaaa aaaaa      955

```

<210> 2929
 <211> 951
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (27)...(348)
 <223> similar to gi180879 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2929
acgaaccgga gggctagaga cagcggccga gaggacgagc cgttcagccc cagggccctg      60
agggcccgac ttgagaagct ggaagccatg taccgccggg ccctgctgca gctgcacctc      120
gagcagcggg gaccacgtcc gagcggggac aaggaggagc agcctctaca ggaacccgac      180
tccggcctcc gctcccggga ctccggagccc tctgggccct ggccctgtagc cgaggccgca      240
gccgatgaga ggccggagcct cgagcggggc cctcctcttc cgttcccagc tacccccgac      300
ctcgcgcacg ccctggccccg cggcctgccc gcggatacct tggactacgg tgccttcccg      360
ccccaccag  tggacacttc cgggtggcgc ttggccatcc gcttgggtgga ggtcagagtgg      420
gtgcaagggc cctcaggacc tcccacatgt acagttcccc tgcctcttgc cccggctagt      480
ttccctggag agaggcctag ccaacaacga agggacggat tttaaaacag cgagaactgg      540
gtgccaagaa acacttcata ttccctgaac ttttctggat gttgtgcgaa cctgttgtat      600
tttttttttc ctgtattttg gttctgaggg atgagtaatg tgtttttagt tcgttgagtt      660
tatccattct tcaatcccct aaagccttca gctgttcttt catatgtggc caacatttta      720
agtacagtgt ttgcttttat aagtcgggtg tacttggatg tccataaaa taccactttt      780
ttataaagat gatattttata acctaggaac tcatgcctgt cttggctgca gtccctgtac      840
atctaataata tactgatttg tttgccccca gagaattttt aaggatatctg cctatatcgt      900
gatcttttga aatggtaaat aaatctggtg cattaaaaat taaaaaaaaa a          951

```

<210> 2930
 <211> 1842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1842)...(485)
 <223> similar to gi3941320 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2930
aagtacaaaa taatatttta ataacatagg aacatgaaca tgaaaacaat gtaaacaggt      60
tagaattttt ggatatgata cctaccaaac gtgatttgga accgtaccgc aactgggtaa      120
aatttctatg gcaaaaggat taaccaaggc atatcatagg aaatccactt tgcccaatat      180
aagcagttct cagcacatac tcaaatgcac acaaacatga aaatcggaat taaaggaatg      240
ttaaaaaaat aacttaggca gacacaaata aaaccacccc actagtgtat gaatgatgcc      300
acgtttctta tgatcttaat tacatttaag gatttaaaaa atgccactga tctcacagtt      360

```

tacaatatcc	aaatcttcaa	acctgctgga	agaagtccca	cagcacagcc	tggaaattcg	420
catccgttgc	attctctcgt	gcagttacct	gcttatgggc	tgtaccttct	gccttgatat	480
gtagtacagt	cttctgaag	gatggaagct	ctcttttgca	gaaaattaac	ctgtgatttt	540
agggaggaaa	tgggtgtctt	aagttcttgt	cttagggatg	ctggcatcaa	tcctttcaat	600
tttgtttcat	attcttgcg	tatgtaagtt	atctgttcct	gtgactccaa	ttctttgtgt	660
tgtaatTTTT	tctctgcaca	tcgcacctga	ttagaacggt	tttctaattc	atcttgtaaa	720
accttgattg	cttggtcatt	atctctaata	agctgcttct	tctcatcttc	aaacttttgt	780
ctaacatcct	ggagccgctt	ttctgcagca	agctgctgct	ggctgttctc	ttctttcaga	840
gaggaaatgg	ttgtctgaag	ttctgctatg	atctgtgaag	atttggcaag	cttctgagtg	900
tattccttct	caatctgctt	cagcttgctg	ttggcctttt	ccagtgtcat	ctctgtctca	960
gcagcatgag	tctttttcag	ctctattttc	atcttttctg	attcagcctt	cagtttattg	1020
acgacaatct	catgttccct	tgtagccctt	tgtttttcct	cttcacgaag	aagaccaagc	1080
tctaccagct	gctgtttccg	ctgtgagttc	acattgatca	attcttctct	caacttgtga	1140
acctgggcct	ccatgtcggc	aataacctgt	gcattctcgt	tcttgaactc	ctgaatttga	1200
ttttcgtgct	ccatattggc	agcgcgaagc	tgtttttcca	ggttttcaat	ttcccgttca	1260
tgggtctcgga	ctaggctatc	cttctctgcg	ttatgctgct	gtaatagggt	cgtcttctcc	1320
tgttcatgct	ccagcttcag	ctctactatc	tgttggtcat	accgctgtct	gatgtcctcc	1380
agttgccata	aaaactcctt	tgattgtttc	tcacgaagag	atttggatct	agttagatct	1440
gcctccactt	tttccatttc	aaagcttcct	caaatttatg	aattttcttt	tgagtatctt	1500
cttttccttt	atcaagttca	ctctgcaagt	catgagcctt	tttttcatag	atgtgtttta	1560
gatgactttt	ctccatctga	aacttatttt	cttgatccct	tagttgttgc	tttctttgaa	1620
gttctgatcc	ctgtaactgc	tgttttaatt	gacagacatt	ctgctctaata	tcttcaatca	1680
tactagatgc	cttagaagct	gaaagagcat	gttcttgttt	tagaagggtt	atatcagcat	1740
catatttggg	ttgtaacagt	ttcatgtttt	gtccataatc	atttacaaga	tggtccttct	1800
ctttatgcag	tgtgttaacg	cttgccctta	cttcttgtaa	tt		1842

<210> 2931

<211> 856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3)...(263)

<223> similar to gill163054 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2931

cccaggagcc	ctcgcagcag	ccaatccgct	tctcactccg	cagctatcag	acagagaccc	60
tgcccatgat	cctgacctcc	accagcccca	gggcaccctc	ccggcagtc	agcacagcca	120
cgagctccag	ctccacaggc	ggctccatcc	gcaggttctc	ctttgccagg	gctgagccgg	180
gctgcctggg	gccctcaccg	ccccgcocat	acaccaccag	ccactcaatc	cacctggctc	240
agccatctgg	tttctgtgtg	tcaccccagt	atttgcctta	ccccctccag	caggagcccc	300
cactgcctgg	gaagagctgt	ccagacttca	gttccagttg	acacgcccag	gccatgaatc	360
cacaactcag	tcagatggca	gacaggtgga	gccctgctcc	cattgccaca	tgcaattctg	420

agaaaatttc	ccttgtaact	gatcagtgtc	atggaggagc	atgctaggaa	aacacagcac	480
cttctaattt	gaaagttcct	gtctccaatc	acagaaaggc	taaaccagag	aactgttttc	540
tggttttgca	aacatgtgat	cattacattt	caatctatgc	tacttttatt	caaaatatgc	600
agcagtttga	ctttaaagtt	gcaaactggc	taaaaacggt	ttactggaca	ttcagctata	660
ttgcttagaa	aagggtctaca	tgtttctttt	tcatataagt	tgttcattga	gttatgatag	720
gaatatattc	ataaataagc	aaagaaaaat	acctaattgt	aattatcaaa	ggttcactta	780
aaaaattaac	tattaggtaa	acttaagggg	gcagtgaaan	aatctattta	tgatttcggg	840
agtaaccena	accatg					856

<210> 2932

<211> 2424

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (104)...(1893)

<223> similar to gi2765125 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2932	
tttcgtctga	ggctgagget
gcgcaaccag	gctgcggctc
gctactgcgc	accagccgc
caagaagaaa	gaagttttcc
tcagttcttg	ggaccctggg
ccaggaaggg	aaaatcccag
gctgcaagtc	ccagaagaat
aggggagacc	atcagcatgg
tggcctcaag	gggatcatct
actggcgctc	ggggaagcac
atgcagccta	aatccggagc
atggctccaa	ggtctggatt
agactgaggt	cggtgattct
aaagagactt	tggtggagtc
ccaacacttg	tgaagtccat
aggtcggaga	tggttttaag
gcagcgtcgt	ggctgggctg
caaggaaaca	gtttaacaag
tgatggctca	gaaggcttac
accaacctgg	ctttcccgac
aggccgcctg	gcagtgtgtg
gggactatcc	gtacgagcgc
ccaatgagat	tctccggatg
tgactaccag	gatccatgag
gccggaggct	tccggactcc
gagttgtgca	ccccagtctt
tccggccggac	cgtggagaca
tggtactgaa	gcgggtggcc
cgcgggccag	ccgctccatc
ggggaacatc	gggcagcatg
gggtctgggtg	gtctctaccg
tttcgccaaa	gagcttttcc
agttagccaa	gatgaactta
gtggactccc	gaaaaattga
ggagaaattg	aagagcctag
actcaagact	actcaagact
ctggcagcgc	accaggctat
aaagccaaat	acttgccctaa
ggagccagcc	aatgggagcg
caaaaagcac	tacatcctca
tatttttact	gtgtttgcaa
gactggccaa	aatcacagca
tgaaagacaa	ttcatagtag
taaattaggc	attcggggct
tgtggaaaac	atccttgagg
cagcggccgg	ttcagcatgg
gactgctgag	tacgcctgca
gattcaggag	aaatttgcac
cctcacagca	gggatgctgg
ggtgaagggtg	ttcagctccg
cgggggcttg	ggctacacaa
cctcctcctc	ttcaggggaa
gcagcatgcc	ggccgcctcc
gataccgttg	gataccgttg
ggggtgaca	ggcaaccatg
tgaggagaac	acctaactgt
gaccatcatg	gaggagcagc
ggcgtgctgt	ggcgtgctgt
cgaccacgag	gttctcttgg

ccaacacctt	ctgcgtggaa	gcttacttgc	agaatctctt	cagcctctct	cagctggaca	1800
agtatgctcc	agaaaaaccta	gatgagcaga	ttaagaaagt	gtcccagcag	atccttgaga	1860
agcgagccta	tatctgtgcc	caccctctgg	acaggacatg	ctgaggcagg	ggacagtgtc	1920
ccctgctacc	gccccccctt	acccatggcc	cgttgctgga	tgactgttac	tcttttttca	1980
gaaggtgttg	ggattatcac	aggttaagcc	ttttgttccc	cgtctgcacc	tgaagggttg	2040
tcgcctggcc	tgggagagcc	tcttccaggt	tttgacctgc	aggcagtgtc	ctctaacagg	2100
accatcacag	cttctgaact	gagccggaga	gagagaatgg	aattgctgac	ccctggaact	2160
ggcgggtatt	ctggtcattg	aggagacacc	atagtggaaa	ctggggctta	tgctgctgcc	2220
tccaggggtg	gaggtgggtg	gggacctgtg	tcaggtgtgg	atagccattt	ctgctcaacc	2280
acacattctc	taagaacacg	cttgaaagct	ctgtctgggt	cattcattta	aactagaagc	2340
agaggcactt	aaaacatgta	ccaggaacca	tttaacaaag	aatataaaat	gtcacaatct	2400
gtgtactgtt	aaaaaaaaaa	aaaa				2424

<210> 2933

<211> 1469

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1442)...(958)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2933

ccccacgctc	cggcatctac	cttcccgtgg	ttaaagagaa	actggaacag	taaattggcag	60
tatgtataat	ggttaagagc	aagaccggag	gctcagccag	ttcatcaaag	cctacaagac	120
gggcaacatg	gaccaggcgc	tgtccctgtg	gttcctcctg	ggctggattg	gcggagactc	180
ctgcaacctc	atcggctcct	tccttgctga	ccagctgccc	ctgcagacct	acacggctgt	240
gtattatgtc	ttggcagacc	tggatgatgt	gacgctgtac	ttttactaca	agttcaggac	300
gcgccccctc	ctgttgtctg	ccccatcaa	ctccgtgctg	ttgttctca	tggggatggc	360
gtgcgccaca	ccgctgctga	gtgctgctgg	gcccgtggct	gcccctaggg	aagccttccg	420
ggggcggggc	ctcctgtccg	tggagtcggg	cagcaagccc	ttcaccgggc	aggaagtcat	480
tggcttcgtc	atcggctcca	tctccagcgt	gttgtacctg	ctttccgggc	tgctcagat	540
ccgcaccaac	ttcctccgga	agtccacca	ggggatctcc	tactctctgt	tcgcgctggg	600
gatgctgggg	aacacgctgt	atgggctgag	cgtgctgctc	aaaaaccccg	aggagggcca	660
gagcgagggc	agctacctgc	tgacccacct	gcccgtggct	gtgggcagcc	tgggcgtgct	720
gctgctcgac	accatcatct	ccatccagtt	cctgggtgtac	aggcgcagca	ccgccgcctc	780
ggagcttgag	cccctcctcc	ccagctgacc	agaaccaggc	tgagcgcagg	aggacaggca	840
ccaccggatg	ccacaccagg	caggaggagg	tgtggacagt	gatggtacgg	cggccctgca	900
tcagcctgcg	ggtggcctct	ggatcctccg	tggaccgaac	cgtcccccca	ggaacacacc	960
ttcaggtaga	ccccgaagcc	tcaaggccgg	ggctggagcg	gagaccccag	ggcctctcag	1020
gagacagtga	ggctgccccct	cctaccacct	acctcattct	gcctactcac	cccagggggc	1080
acagccacag	cctgctggac	tcaggactgt	cctgtcaact	ccagacaact	gaaataaaca	1140
ggccgggtac	agtggctcgc	acctgtaatc	ctagcacttt	gggaggccga	agcgggtgga	1200
ccacttgacg	tccgtagtgc	gagaccagcc	tggccaacat	ggtgaaaccc	ccatctctac	1260
taaaaaataca	aaaattagcc	aggtgtgggt	gcacacatct	gtagtccag	ctacttgagg	1320
ggctgaggca	ggagaactgt	ttgaacctgg	gagacagagg	ttgcggtgaa	ccgagatcgt	1380
gccactgtac	tccagcctgg	gtgacagagt	gagactccgt	ctcaaaaaaa	ataaaaaaga	1440
taaccgagga	aacggtaaaa	aaaaaaaaa				1469

<210> 2934
 <211> 1293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1294)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1114)...(1268)
 <223> similar to gi500734 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2934

tttttttttt	ttgacgcggg	gagagattta	atttacatag	cagccacttg	gggtccagtc	60
agagctgggg	cagtggggga	atctataacc	ccagagggtg	ccccccagac	ccccaccccc	120
gggagaccag	tcctcaccaa	cccttgatg	ggctcccaag	gttgtgcaga	agatgctcca	180
gtcaaaagga	tagagacatt	tgggaaataa	aggctgtccc	caaagttggg	gggaangtcc	240
acggcctggg	agtggatagc	ctacatgggtg	gccccagggg	gtctgagaga	ccagtcccat	300
gtccctgggc	gagtccttca	gcctgggtgg	ccctagagga	aagccttcgc	gggcggaaac	360
tgttccctgg	aggagggcgc	ggtactggtc	aaaatccttc	ctttccacac	gggtgacgcc	420
gccttcctta	gcatacccac	aacttccccg	cacaccagcc	ttgataaagc	gcttcattcg	480
tgggacacca	gaatcacacc	aaccctgaa	attgtttgaa	ggcaaggccc	cagagcctca	540
atggctctcc	catgtccaag	gtgggtttgt	gggttcaccc	cagaatgtag	aaagttgggg	600
cagggcaata	gtccatctga	gcaaaaggcc	acttcggctt	ctttctggcc	cccaagacag	660
gctggcaaa	aggacgcatg	gcccagttct	ccggagatgc	ccataccgaa	cccaagctgg	720
tgacnggtac	tcctcctcag	gcccgcctcag	gaaaacttgc	gtgcccagca	agttcccaca	780
agcactgaac	gtttaggtcc	cagctgctcc	cacatgggtc	tggtgaaat	agccaatctt	840
cagattcctg	tgagcgtgtc	tgatgccccg	aacagggtgc	aggtccccca	aaagcagctt	900
cagcatggta	gacttcccag	ccccattctc	tccaaccaca	cagatgagag	actcgagatc	960
agcagacaca	gagaggcgac	tgaagatgac	gtgcttcgga	tcgtagtaga	aatccacctc	1020
atctagctgc	agaattggcg	gcgagaactt	ctcaaaccga	tcaggggaact	tcattacgac	1080
ctctgattcc	ttgtccacag	gcttcagctc	aggcctggga	gaagagatga	ggtagactag	1140
atattattct	taaaaaaata	acttcctaca	cgagtaatat	atgttcagag	aaaacttaga	1200
aagggtttgt	actcctacca	ctcaggtatc	attacttttag	agtcatttct	tctcattttac	1260
tgtatgctaa	aaaatagaat	taggcttttt	gtg			1293

<210> 2935
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (583)...(176)
 <223> similar to gi2773297 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2935

ctcaaagaga	tcttcagcca	tacgcatcat	cataatcact	gtcāaaagac	agatttttct	60
tttttttagaa	ttttaaatgt	accttttaat	ttgctcctgg	ggcaaagagc	caggactggt	120
actagagcag	tgtctgggat	gagaagaatt	taataaaatg	ggattagggtc	caatggttgg	180
gttagggggag	gcaacctgct	cgggaggatc	agcctcaacc	tatccatgca	gcagggcctc	240
cacctgtccc	tctccgtagt	cccacacctg	gaaccagag	ccatctgcct	cttcccagat	300
catggccgac	agcactccac	cagactgcgg	ctggagcagg	cacaggattc	acttattgag	360
ggctgtggcc	tggcacaat	catagcctat	acccagggac	agttgtgtca	cttctgccac	420
caccacatcc	gccttctgca	gccacatcaa	gtaccactca	tggatgagcc	cgtcaccccc	480
agcggactta	tcaacccgc	gtccagctcc	acagccgcc	cgtgctcgg	gagcactggc	540
tccaagcatg	gcagctgcca	tacaatccac	ctgtagaggg	gcccgnccct	ctgtgctcaa	600
aggatgg						607

<210> 2936
 <211> 1071
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (929)...(187)
 <223> similar to gi3876090 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2936

tttttttttt	ttctaaagct	ttattttatt	tataaaatgc	atagaataaa	ttatactagt	60
aacattttta	aaattaacat	ctttgtattc	agcagtcctg	ggtcaggagg	caggaggaga	120
gtagtgggga	cgggatggct	cactgggcag	ctaaccctg	taggccactt	cctcctcgtc	180
actgccatcg	gggaccgcgt	ctgtcccaaa	gtagcggctg	ccaaagtcc	caatgcctgg	240
gatgatgcgg	aaaaggatcat	tgaccgcgtt	gtccaccgcc	gtggtgatga	ttctcactcg	300
cggaaatgca	taggccactg	agtgcacgcc	catctctgcc	atgagcagcg	acagcaaaaa	360
gatcttgtcc	tcaggcacgt	cgtggtccag	gagcacgcgc	actgccatca	tggccgccgc	420
gcccgtggac	acggtgcagt	ccatgaggat	cacgtggtca	tcgctgatgt	ccttgggcag	480
cctcaggtag	tggagctcgg	gcagcagggg	tcaggctcgg	gtcctcccggt	aagctgggtg	540
gtctggatga	ggatggtgcc	gatgcgcacg	tctttgcaca	cagcgcgcag	cgcgggctcc	600
atggtttcac	cggcgcgcag	aatggacaca	ccggtgatct	gcttccccgc	atagcacttg	660

cccgcatagt	cctgccccctg	cggggtctgt	acgacgcagt	cctgaaaggg	caggaaggag	720
agcgcgtgct	cgatgagcag	ccgcatcagt	ctcttgaggt	agaagatgaa	ctcgtcgca	780
ctgggtctcct	tgtccctgtg	gggccaacag	ttgagcgagg	gcacgcgccc	ggggccgccc	840
cgtccccagg	tgggccctca	cctgatgatg	gtgtgcatgc	cccgtacctg	cggcgtgctc	900
ttcaggacgc	tcagcgtccg	gggcagcggg	tggcactggt	gtgccgaggg	cagcgcagcc	960
ctggggacaa	accgatgggg	aacactcaag	aaggggggtct	tttcccagag	ccctccctcc	1020
ccacaggacg	gctgtgctgc	actgtgaggg	gaaccctcgg	ccaagctggc	g	1071

<210> 2937

<211> 1586

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1583)...(1239)

<223> similar to gi1872200 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2937

tttttttttt	ttatacttta	tgttttactt	cttacttcaa	acatacatcc	ttgattaaag	60
aacaaaaaca	actcactgaa	gggtgataaa	ataatcaaaa	tgtatttgcc	cctgaaagtg	120
gaattactac	ctcaaaaaga	atacaactct	ttcattttcc	ccaaaataat	catgtgagtt	180
catgggcatg	ctcatcactc	gctgtctgtg	tggaaaaaaa	aaatcgaaga	ggggatttac	240
tggactgaac	tggcctaggg	agcctttgct	gggcatctct	caggactggg	actgcaggcc	300
cagatccctt	ttactcagga	tggcatggca	cttaggaaca	tggaaaaacag	ttaaggataa	360
acggctgggt	gggtatttat	ttaccttata	ttgcaggaaa	catttttatg	acttccctaa	420
ccctggtttt	ccaattagga	aacatcccc	acttaatgga	aattgtcaat	aatgctggc	480
tcaaaccacc	ctccccaaat	actgaaaaac	agtacatccg	tttctctggt	acccttgcca	540
agttgtctgc	aaatgctttg	tcgatttttc	tactgagtta	gacaaacttg	tgattttttt	600
ccctttctta	acacaaattt	aaaaagtagg	aaacaaaacc	tagtggataa	aatgacatat	660
tttcaatatg	agttctgtgg	cagtctcaca	tggaaagtcag	gagtaacagc	ctcaattcct	720
aaatagctgt	ttaccactgc	ttttctgagc	atatttaagt	aatacagaat	ataaaggagc	780
aaacaaaata	tgaagtttat	aaaagatttc	aaacactttt	ctaaaaatat	gaggcccata	840
tttttagagg	atttcattcc	ttttctcaaa	caatatggag	atttataaat	atgagaatat	900
atagatatac	agaccttaat	aaatgaagtg	ttcttataaa	ttttatatgg	aaaaccagtt	960
agcttttaatt	tcttcacaat	ttttatggat	ttatccagat	caaggacaac	ttatgtggca	1020
gctatccgaa	aatcaggcta	acaggaaccc	caaaatttga	aaataggaat	aatattagca	1080
agagaaaaac	ttcaattcta	tgtgacacaa	taaattacca	aagtgaattt	tacttacaat	1140
tagctaagaa	aaacaagaaa	gaccatctga	acttgcaacc	cagtggcttg	acaaaagcaa	1200
tccaaaactt	taaagttggt	aagccaaact	aacaaggggtg	acttgaggct	gggcacagtg	1260
gctcatacct	gtaatcccag	cactttggga	ggccaaggca	ggtagatcac	ctgaggtcag	1320
aagtttgaaa	ccagtctggc	caacatgggg	aaatcctgtc	tctactaaaa	atacaaaaat	1380
tggctcggca	tgatggtgca	cacctgtaat	cccagctact	cgggaggccg	aggcaggaga	1440
accgcttaaa	cccaggaggg	agaggtcgca	gcgagccaag	atcatgccac	tgcactccag	1500
ccccaaaagg	ctgctccaca	atggatgtgc	tgtggcgat	actttagaag	cctttgtctt	1560
cccggaacgc	tgggcggacg	cgtggg				1586

<210> 2938
 <211> 1012
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (42)...(786)
 <223> similar to gi560151 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2938

gaggaaggct	ctccccccca	tgacgggatg	ggaaaactat	gcctggggcc	gacgctctgc	60
ccggctgctg	ccgctgagga	aagccgggac	gcggagcccc	gccgagagct	tctttgctcc	120
ggacgcccct	ggacgtggcg	ggcagccgcg	agggtaacca	ccatgatccc	ctgggtgctc	180
ctggcctgtg	ccctcccctg	tgctgctgac	ccactgcttg	gcgcctttgc	tcgcagggac	240
ttccggaaag	gctcccctca	actggtctgc	agcctgcctg	gccccaggg	cccacccggc	300
cccccaggag	ccccagggcc	ctcaggaatg	atgggacgaa	tgggctttcc	tggcaaagac	360
ggccaagatg	gacacgacgg	cgaccggggg	gacagcggag	aggaagggtcc	acctggccgg	420
acagtgaacca	agaagctacc	cacgggagcg	gctgcccac	aagtttgaca	agattctgat	480
gaacgagggt	ggccactaca	atgcttccag	cggcaagtgc	gtctgcggcg	tgctggggat	540
ctactacttc	acctacgaca	tcacgctggc	caacaagcac	ctggccatcg	gcctgggtgca	600
caacggccag	taccgcatcc	ggacctttga	tgccaacacc	ggcaaccacg	atgtggcctc	660
aggctccacc	atcctggctc	tcaagcaggg	tgacgaagtt	tggctgcaga	tcttctactc	720
agagcagaac	gggctcttct	atgaccctta	ctggacagac	agcctcttta	cgggcttcct	780
aatctatgcc	gaccaggatg	acccaacga	ggtatagaca	tgccacggcg	gtcctccagg	840
caggaacaa	gcttctggac	ttgggcttac	agagcaagac	cccacaactg	taggctgggg	900
gtggggggtc	gagtgaagcg	ttctagcctc	aggctcacct	cctccgcctc	tttttttccc	960
cttcattaaa	tccgaaacct	ttttattcat	ccaaccatct	atttatcac	tt	1012

<210> 2939
 <211> 1991
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1994)...(1385)
 <223> similar to gi4929603 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2939

tttttttttt	ttctgatcca	tgcatccttt	attocattac	caaccactgt	gccgcatcca	60
agcaacagta	cacaaactgg	caatcaaccg	cagtccagtt	gtacaacgat	ctgaggctta	120
cagtagattt	aaggctttta	aatgtggaaa	aaaaaattaa	aaccaaagaa	cccccaaatac	180

caaacccta	accaacacaa	gtagtatagc	aatgttaagc	atctcctatt	tctgatgctt	240
atttggcgca	acttccagtg	tcaaaaccca	aataattcct	aaactaaaaa	gattagttta	300
gtgaaatfff	aattacataa	attcttcaaa	gcataaactt	ggaatttttg	tcttggaat	360
gttataaaat	ttttaatagc	aaaacatagg	aataaaaaa	tattaacaaa	atgtattcaa	420
tcatttacat	tacaaacaag	gaatctgcag	ttcattgttg	tagcctgaca	aaagaaatca	480
tatctaccat	taagaatcta	tgcaaatgt	gattgcaaat	atgtacagta	ctttaaaaaa	540
gcctacaagg	aggactttac	agaaggaaag	tcagctaggc	tctttgttaa	accaaccaga	600
caatcaaaat	agtaaaactc	tgttggctag	taataaatff	acacttaaaa	aaacccttag	660
tttctttttg	tttaagaata	ttccagttat	atttatatgg	ttacagttga	tgaagctgta	720
cacgagagtt	ccagtaaatt	acccttcagt	tcatttgtcc	gggaaagatc	agcatgttaa	780
caaaaaataa	taaaggaatt	ttcaccacac	tagctttcca	gttacactat	cacagcttca	840
caaattggatt	gaacccatgt	atccagtggc	agaaagagag	ctgcatgtga	aataccgaga	900
acattgggtg	caacagggca	agtcttgcac	gaatgtcaga	aatgatggat	aagggtgaga	960
aacagatgag	aggctacttt	atacagcact	agaaaattgt	ccctacattc	agctctcatt	1020
cccattcctg	caaggtaatg	aagctgggaa	tcacgactgt	tcagtttaac	gtgttggtgtg	1080
aattagcaga	accacctcta	gatacaaaag	actgagattt	catcagctct	ttgattagaa	1140
caccctaaag	gttgggcact	tcttcatggt	tatcaagcct	ttacagctac	ccagttaaag	1200
catgtgcaaa	acagaggact	cttctgttca	cagtaaataga	ggtaagatca	agttgttgtc	1260
ttcaggaatt	aggaagttcg	tgagatatga	actgttttag	tctttctagg	tattgtgcat	1320
aaagctctat	gtcattatgc	ccagccccct	caacccaaag	gggtccacg	gctcggggac	1380
agcgctcgta	catcgctagg	ccatgggaga	aatcgatgac	ctcatcctct	gtacatgaa	1440
tgaccaacac	aggagaggtg	acttttagata	tcttgtcaat	gctggggaaa	gcatcaaagc	1500
agtatgtttt	cctggtatcc	ggaaaagcca	cacgcaaacc	agacatcaga	ggggaatgga	1560
gaattaccgc	tgcgcatcca	tacctcgagg	ccaagtctac	cgtggggaca	gtcccaatgc	1620
tctgaccata	gaggataatg	ttctcgggac	tcacgccata	ccgggtgcgc	agcgccctgcc	1680
acggggcgtc	gatgtcggcg	tagaggttct	tctcggaggg	cttgcccag	ctgacgccgt	1740
atcccagata	gtcgtaggag	aagatgttgc	agttgatgag	ggagccgagg	ccaatgtaga	1800
agctgcacat	ctggcccagg	tccacggcgt	tgccgtgcga	gaagagcagc	gtgtagcggc	1860
tggaggggcg	gcagcgacag	aacatgcagc	cgagccgggt	gtcccggggc	gtgcgcgaga	1920
agaagacctc	gacggcggtc	cagcccgtcg	cgagtattgc	cagtcggcgc	gctcgcgtgag	1980
gtgcaggctg	c					1991

<210> 2940

<211> 872

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (873)...(285)

<223> similar to gi3694664 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2940

tttctgtgt	gaccaaagcc	aaaggctaaa	cctggctgca	ttttattgga	tgggtgatgg	60
aagtgggtgg	gagtactatg	gtaaaggagg	gatatatggg	tgggagccac	caacaaaagt	120
ccccatccc	cctcccccaa	cagaaaggag	agagacaacc	ctttccctc	aggtgatctg	180
gaattccagg	gcctctgcca	gctttgcagg	aggtgcacag	aagctggatg	cttttgggtc	240
ggtggccatg	agctagactc	tgttgccttt	ggttgctttt	cactccacag	caaaccgcga	300
ggtctcctcc	acggctgtca	gcagcttctc	gtagagcttc	tcataggact	catatggtgg	360

aatgtcgatc	cgggttaaagc	aggtatgggc	cttcggaagg	ttgtctgtgt	tcgcgtctat	420
caggtggatg	gtgaacagcc	ggggccctgc	cgcgctgtga	gaccttgca	aagccttgaa	480
gccttgagac	gggactcgcg	tggacccagt	cacaaactgc	aggagcctgg	ccctcctttc	540
ttcatcgaac	gtctccaccg	cttgccagaa	ccaccgcacg	atgttgctgt	cggccacaca	600
gtgcttcagc	cgcggtgttcg	acttccagtc	gttcaagtct	attttatcca	ggccgcctat	660
gatacagctcc	agttccttct	ggtcaaaagg	cttcagcaga	tggtgagggg	tgagctcatt	720
gaaccccttc	tgagagctc	agaactgggc	ttcgattcct	ctcataaacc	tccagtttac	780
atacaaccgg	acgtatttct	ttcctattct	gctcctgtga	ctggcacatt	ctgcccattg	840
ggtttcagtt	acatgcgcag	gattcggccg	aa			872

<210> 2941

<211> 2434

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2434)...(2145)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2941

accagtaata	atagttttat	ttgattttta	aatagtcac	aatgtgaaaa	tttctcaaag	60
cttaagagta	acagtctaga	gccaaggttg	ggagtggggg	ccaggcctca	cacagagccc	120
agcttgaggc	ccctgagccc	caccctcctt	tccagagggg	gggaggagac	agctgagggg	180
gcccgaatc	agtcctctcc	ctcgtcccca	aggccagctg	tgccaggccc	ctggagggca	240
acagctcatg	cggaggactg	gggggggaag	caaacaggta	ggaaacggaa	atgaggttaa	300
caattacacc	atcaccccca	aaaaaaaaaca	aaataacaaa	acttgtgact	atgaaaggat	360
ggaagatgaa	tactgataaa	ctcctcagct	ccccagaaaa	gcccagtctg	ggctggggtg	420
ggctgattgg	aggaaaggtc	ttgagaccca	actgcatgtt	acctctgaag	aataaaatatt	480
ctaagaaaaa	gggaaaacca	tgaggcaagc	tgctgcagtc	agtcaacgca	gctgacaggg	540
ctggcatggc	ccacaacctg	accccatcca	cacaggaaac	agctgtgcgg	gtctggatag	600
aggagaggtc	aagggtcttg	actggggacc	ctgagctgcc	aagggtgtgg	gactccttgc	660
agtctgtgtg	cagcaatggc	aggaaggcca	gcaggggccc	tagttgagca	ggttgccttg	720
ctcctggggc	tgggtcaggc	tgctccttgc	gtgcaggtgg	tgaaccccca	tcctcttggg	780
gctgcgctgg	gggcgactgg	agctggggag	tggccaggcc	ctgccctcgg	tgtgggaagt	840
gcctggcccc	tcctctgtgc	ccctgttaat	gggcagcagg	ctctggcgct	cttcctcagg	900
actgataggc	aggttcagct	cttcttctct	cctgggaaag	ccagagtcag	gttctgtggg	960
tagcaaaagc	tcactctctt	cgggtcgggc	agaaggtgcc	tggaccacct	catctctgtc	1020
agcggggcta	tgggcaaaat	ggcgctgcag	ctcagggagg	gcatcgcgtc	caaaggctgt	1080
gcgctggggc	acagcagcag	gtggtggagt	acggtccaca	aatgcccgct	gccagctgac	1140
cagcaggtcc	tcttcagagc	tggcagagct	agctggggca	ctgagtgtta	ggggtgctgg	1200
gctgggctgg	tgggtgggtg	aggcctgggc	tgaggcaggg	gtgctgggca	ctgggctggg	1260
gcgggcccgc	tcactcccct	cctctaccag	gctcagggaa	atggcctggc	gggtagcgta	1320
agtgcagttg	ggcagggggc	atgttgcggg	ggatccgaac	cttatcctca	gagaactcta	1380
ttaccctgcg	gccaggatac	agtgggtgtg	gtggagacgg	ggttgggtag	gggttcagct	1440
tctcaaaggc	tggcaggggc	agctcttctc	ccggggagcc	cctgtgagta	cccagagagt	1500
ggcactcccc	attgtgttgt	ggggtggggc	tgccatgtgc	ccgggggact	ggctggaata	1560
actgggacac	cctcactcat	gtccacatgc	acaaagacat	cctcagccaa	ggggcgcccc	1620
gcgctgcctg	actgggctga	attgagcagt	agagactccg	gcttctctaa	cactcggggca	1680

atgactgagg	taggcaccac	agcccctggg	gctaggtctgg	gagcaggacc	tgggctggcg	1740
gcctcttgac	cactgtgcaa	atgtttccga	accatgtcct	gtagctcaca	gggcagctga	1800
ggtaaaagag	caggaaagag	agacatcaat	gatcgcagcc	aaagataact	tgactcatgg	1860
cgaaaagtaat	ggctcccacc	tttaagtacc	tctgtgtact	cagcactctg	ctatctcctg	1920
ttcttacagc	atgccagtgt	gtataccctc	acttcacaga	cacataggcc	tggagagggg	1980
aagacaactc	aaagctttgg	ttaacttggc	caagatttaa	acccggatct	gctgctgcag	2040
ccagcatggt	ctcaaacttc	tatctcccag	cttctgcca	aaccatactt	aagtttggag	2100
aatctgcata	gaccagtagc	cttagaaata	cctctacttc	tgggccgggc	acagtggctc	2160
atgcctgtaa	tcccagcact	ttgggaggcc	gaggcgggtg	gatcacgagg	tcaggagatc	2220
gagaccatcc	tggctaacac	gatgaaaccc	catctctact	aaaaagacaa	aaaaattagc	2280
caggcggtgt	gggtggcgcc	tataattcca	gctacttggg	aggctgaagc	aggagaattg	2340
cttgaagccg	ggaggcggag	gttgacgtga	gccgagattg	tgccactgca	ctccagccta	2400
ggtgacagag	caagactccg	tctcaaaaaa	aaaa			2434

<210> 2942

<211> 671

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(672)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (635)...(580)

<223> similar to gi840708 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2942

ggcgtgtgct	gatccgccat	cccactgtgg	agatgaaggt	gtgtgctgat	cccccatccc	60
cctgtggaga	tgaaggtgtg	tgtgatccc	ccatccccct	gtggagatga	aggtgtgtgc	120
tgatcccccg	tcctcctgtg	gagatgaagg	cgtgtgctga	tcccccgctc	ccctgtggag	180
atgaaggcgt	gtgctgatcc	gccgtcccc	tgtggagatg	aaggcgtgtg	ctgatcccc	240
atccccctgt	ggagatgaag	gcgtgtgctc	atcccccatc	cccctgtgga	gatgaaggcg	300
tgtgtgatc	ccccatccca	ctgtggagat	gaaggtgtgt	gctgatcccc	catccccctg	360
tgagatgaa	gggatatgct	gatccccctg	ccccctgtgg	agatgaaggg	gtgtgctgat	420
cccccatccc	cctgtggaga	tgaaggtgtg	tgtgatccc	ccatctccct	gtggagatga	480
aggggtgtgc	caatcccccg	tgccctgtg	gagatggagg	cgtgtgctga	tccccatccc	540
cctgtggaga	tgaaggtgtg	tgtgatccc	ccatccccat	gtggagatga	aggggtgtgt	600
tgatccccctg	tccccctgtg	gagatggtgt	gtgcgaattc	caccgcntgg	tctaattggtc	660
atcagttcaa	g					671

<210> 2943

<211> 1821

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (1637)...(707)

<223> similar to gil67778 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2943

tttttttttt	ttctggtacc	caaaggggtcc	tttattcttt	atcatcctat	ttgagtttta	60
ttgtttttac	acagctggga	aatgcttaag	gtacaaatta	ataaatttta	aactcagtat	120
ggaaaataca	tttaataaat	taaagcaaaa	accaaagatc	tgaggagatc	caagagatca	180
agacaatctg	taaccagagt	ctgaagtatc	caaggagcta	cttttttttg	aggcatattc	240
tcctcagctt	ccagttatca	tttgataaac	acatcagcaa	aagggttcagt	gttttaaaca	300
aatgtagact	ttattttgta	ctgtacaaa	tgctaatgtc	agtagatcca	ttaaaatata	360
gaatatttaa	gaaagatcat	taataaaagt	aatgggtcatt	caatttaatg	ttacagttta	420
cagcgtttta	ctgctagtgt	tttaagtcag	catgagcagt	atcaaagtac	ttatgtagct	480
agttttctaaa	actttacaga	aaacccagta	caattccaag	tgcttatagc	caatataagc	540
atatttcata	ttagaaatag	ttatccatat	gttaacaaga	aactatgggtc	ctcaaataatg	600
ccaatttttag	agtctaataa	ctactgatag	taactatgta	aatatttttg	aataaacagt	660
tatttacgca	agccacactt	cagctgagat	gatacactaga	catctgtttc	cagagcttca	720
acaatgtgtg	cagcagaagg	acgatcttta	gggtcttcat	tagtgcatac	agagaagagt	780
tcaattactt	tctgggtatga	ttcatccagt	tcttccatat	taataggtgg	cctagttccc	840
aacgctgcct	agtatgcttc	atcatcaaaa	tcactttcat	caaaagtttt	atcttcatca	900
tcacatcat	ttgaaagatt	aatgtgtgga	atcgataaag	tcacattttc	ccacaaagta	960
aggccaaagg	caaatatgtc	tgcttgtgca	gtaataacac	cattctctctc	cacagcttct	1020
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tcacccagtg	gtagagagac	tcctacatca	cagattttta	ttgtttcaaa	atcgctttta	1140
attacaacat	ttgaagactt	tatgtctcca	tgaagcagtt	tcttttcttg	gtgcagatac	1200
tttaaccctc	ttgccatatt	caaagcaact	tttaaaatta	tggctgctgg	aaaaggatct	1260
tggctggctt	tatatcgttc	ttctattaag	tcattttagag	acttttcacc	tccatattcc	1320
atagcaagac	acagactgcc	atcattggct	tcagtaaaag	cacgataacc	aacaatgttt	1380
ggatgatgaa	ggctttttcaa	aatcttagct	tcacccatta	gtctcttttg	atacacactt	1440
cgataatgat	cattacatat	aggattaatc	ttttttacag	cccaaggaga	atgagacaaa	1500
cctcttgagg	atctttttcat	taggtacaca	tttaccacag	taccaaagcc	aagcttctgc	1560
ataaacggag	aggccgggat	atttatagtt	ggagttgaac	ataatacaga	tttctttttt	1620
tctgataatt	tgcttggtgt	cttgaaatta	ctgatccctt	ccattgtgaa	agccactctc	1680
agtccagagt	ctcaccgcct	ggaaggaaa	gtcggagggtg	aaaataagtc	gtggccaagt	1740
acctcttcaa	aattgggtccc	gagcggcccc	cagcgagacc	ctgcagctgc	ctctagcacc	1800
aacacatacg	cccgtctgtg	c				1821

<210> 2944

<211> 354

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(313)

<223> similar to gi56589 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2944
tccacatcaa aatcccaagc aagcggtttt ataaaaactg acaagctcat ttttaagtcac 60
atggaaatgc aaagggcctg caacagccaa aatatatttg aaaaagaaca aagctaaaaa 120
actgttgcaa cctgagttca ggccttttat aaagctgtag taatcaagac aatgtggcat 180
tgccaccaaa atacacaaat aaatcaatga aacagtactg ggagtccaga aatagatcca 240
taccatccata gacaactgat ttctgacaaa ggcaaaaggc aattcagtag gaaaagcgta 300
gtttttcaac aaatacaact gaaacaactg gacaatcatg cccaaaaaag cctt 354

```

<210> 2945
<211> 1498
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(136)
<223> similar to gi244774 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2945
aaaccctcaa atatattggtc aagtaatttt cagaaaggat gccaaagccc ttcaatgggg 60
aaaggacagc cttttcagag tgggtgatggg ggatctggat agccacatgc caaagagtga 120
cattggaccc ttataacata ttcaaaaatt aactcaaatg gacaaaaata taaacataag 180
agctaaaact ttgaaattca gccttagttt gactgctaga acaaagtacc gtagaccggg 240
tggcttataa acagcaaaca ctgatttctc attctggagg tcagacatga gagaccacag 300
tgccagcacg gttgggttcg gatgaggcca ctcttcccgg tggcaaactg ccaccttctc 360
ttgtggaaaag agcttgctag cctccagcct cttcttataa ggggtactggg cccattcatg 420
aggactccac cctcattacc taattaccta gcaaagattc cacctccaaa taccataaca 480
ttggagtatt tcccatctcc ccccaaaaaa gtgccaaatg gtctgatgta aaaggaaaaa 540
aattcagtc aatgtgctcca gatctgcaaa ttgcacatct tgattttcag caccataaaag 600
acaatcattt ggaagatccg gtgatatttt ttctctttaa tgcaaatgtt ttgggtgtcaa 660
gcagattgaa tttgtgggga ggtgtcctgt tagtgtggct ggtcactgac cattcagaag 720
gaagaaaatg tgaaacagat tgctcaagt taaaggagtc tgaaaatgtc tgtcctcaag 780
cctgcaagat ttggaaccgt tctgcgtccc ttttccatag atataggaat aataagtctg 840
gattcagtag agtcatttga ccagccagcc cctcaggggt gtccctgggt ctgggcagcc 900
atgctctccg gagctgcctt tgggggcaac ttccagggcc aagccagaga ggccagagct 960
ctagactaac gttagagttc caagtgtacg cagcagagaa gacagctatg ctgtgtgtgt 1020
gtgtgtgtgt gtgtgtgatt gtgccttctg tggatatcgg ctagggactg tctcaggaaa 1080
gcctctgcct ttggcgtgtt tactggctgt caaaaccctg cccacagcct tatagacccc 1140
caaagaaaaa tgttctcatc cttactccag agatgttcaa acaggagtga ttgtctgaca 1200
gtgactacac tcacaggaga atgacaaaaca gcaaggccca gctgtccctt ggtaccctca 1260
ggggattggg tctaggacct ccaaataaca ccacagtccc agcatgctca agtcccgcag 1320
tctgtcctgc tgaacccatg gacaaaaaag gtoggcccct ccgtatgaga ggcttttcca 1380
tctcatgaat acacattggg ttgaaaaaaa tctgcgtttt agtggaacag ccaggtttta 1440

```


acacattggtt gttcaacggg tccacttgta ttcattcaca atacagattt catttttag

1498

<210> 2946

<211> 2420

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1966)...(1071)

<223> similar to gil255411 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2946

tttttttttt	ttgtcataa	acaattttat	tttttttctc	agtatgtgcc	cttgaagatt	60
ccaaaatggt	ggagtttctg	attctcctgg	gatcaaaggt	aaaagcattg	tatggaaaac	120
ctcaaccttg	gtcattacc	ctcctgagga	gctaagtctg	gaggcctcag	agagagggag	180
ctgacattca	caacttattc	caagatgggt	aaccacgtga	acaaagaatt	agtaaaacat	240
agactcagtc	tgtagagggc	ttcaaataa	catattctat	atatataaac	ctgttatata	300
ggatttcaac	ttattggttt	ccttgtgatt	tgtaatataa	gtacaaatta	taaagatggt	360
gcacactgct	gatttcccc	tctcagcccc	cctccctccc	caacataaat	aacattacaa	420
aggtcagggt	atcctaagaa	ttttgttgt	tgtaaatatt	ttgtttttaa	aatcatattc	480
cccttctctc	cctgcaaa	acctctgaga	gtttgtaaca	cagcagcatg	gaatggacaa	540
gactggggac	agcatggagg	tctaacggag	agagcgcaga	acgttgcttc	tactgacgg	600
gcaccagatg	ggcttccgca	tttccattga	caacagaggc	tacgacagga	agcagagaat	660
gtgcaatgcg	gcttcaccc	cctccaaaga	gaaggctagc	tggaccactg	agaaaagccc	720
taaaggcatt	gaggtttttg	gagacagagc	acagctccag	aaatgtcttg	gctcagtatt	780
tacacaatat	cttgaagctg	cactttcctt	ttaagaaatg	tgtgtttctg	aagggtgctc	840
ttctgaggtt	ggttggggga	aaggagaaac	gtaaaaacaa	aaacaaacca	attcccacat	900
atgtaaaagt	cctgttataa	gtcttagtta	ttttcacaca	catcattaat	agtagatact	960
gacaatgatt	ggtttctttt	cttattcttt	ttttttagag	catgagtaaa	gagaaagaga	1020
gaaggaagaa	gtgcactaag	gagagcgccg	tccttcttc	agcattaagt	gacactggat	1080
ggtctggatt	cggttcttgg	ctgggacaaa	ctcgggctga	agcttcaatg	tggattcata	1140
ccacaccagt	gctttttcaa	attcttccat	tgcccagtag	acattgcca	gagtgaagtg	1200
gttcacagca	aagtgtggtg	cgatctctac	tgccatggtg	gctactatga	cggcgtcatt	1260
ccagagcttg	gcattgtgca	agatgttggc	caggctaata	aggggcacat	ccttcatctg	1320
gtgtggcgca	tagtgagag	cctggcgag	gcagtcgatt	gccttctttc	cttggccttt	1380
cacctccag	tagagggtg	ccatgctgga	gaggaccag	gacgtctggt	tcttttccaa	1440
aactttggca	attcgggtgc	caatctgttc	aagcgactgt	tgtggatatt	ggtctttgcc	1500
gagattttgt	aatacctctg	ttaactgact	ctcccctgtg	tagtgcaggc	tggctcggtt	1560
ggaaacccca	tgcaagtgg	ccagggtatg	catactcgtg	gggagattgc	cattgcaaag	1620
aggctccatt	gctggctgct	gtataggggt	ggcaaaatct	atgtgttctg	tgatgtcaat	1680
gttttttgaa	gaaactgcaa	gccagggtact	cacgatggca	gtcagctcta	cccagcggag	1740
tttgaggcat	togtccgggc	tgggccaacc	cagacgctgg	tagtcacgtt	tttttctctg	1800
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attttctatc	tgacctgttt	ctactttttt	cccaggagtt	ttcttatgat	ctcctttggg	1920
tttctttaca	cgtttgacct	ggaatgtaat	ccattctggt	gcttcatcat	cttcaactct	1980
gcagtctcca	tagcaagagc	ttctggccac	tccatcctgg	ggacctttct	tcagcaccgc	2040
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atctgaattc	tccatctcat	cagaaccatt	gctctcctca	accaccgtac	tttcaagtct	2220
aagggcatct	gagtcctccc	ctgaattctc	aacagagaat	acagggctct	cctctgttcc	2280
tctctcagag	ggctcttctt	cagcagcatc	cagtgactgt	gagttgtcaa	aatattttctg	2340
tttgtcatgg	ctgttgtcca	gggttttctc	atgacaatta	ccactgcaaa	cagaagaagt	2400
gatgtgttac	agaaaaggat					2420

<210> 2947
 <211> 1770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1771)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (21)...(344)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2947						
ggaattcccc	ggctcgagggt	tttgttttgt	tgctgttggt	ttttgagacg	gaatctcgct	60
ctgtcaccca	ggctggagtg	cggtggcaca	atctcggtct	actgcaagct	ccgcctcctg	120
ggttcacgcc	attctcctgc	ctcagcctcc	cgagtagctg	ggactacagg	cgccccccac	180
cacgccccgc	taattttttg	tattttttta	gtagagacgg	ggtttcaccg	tggtcgccag	240
gatgggtctg	atctcctgac	ctcgtgatcc	gcccacctca	gcctcccaaa	gtgctgagat	300
tacagggtgtg	agcccccgcg	cccagcctgt	tttttgtttt	tttttttagta	cctgactgaa	360
agagactagc	aaacaactcc	tgaaaatctg	taattgtagt	aagggtacta	cacggtaaga	420
agtgaagccg	caaaaataaaa	acttccattt	tattttcctt	taggagccat	ggagcatatt	480
ggcaatttgg	ttctgactcc	taaaatcatt	ttactatacc	tttactactg	ctacattgga	540
gactgcaagc	agtggaaaag	aatagatact	ccagatctcg	tcgataaacc	caggctcctc	600
ctaaaccagc	cagattcaga	gagaaaaacg	agctggcctg	ccttattgta	ttacttgcca	660
tcaaggttca	atgtggttct	attaccaggt	aaagtcattg	accaaacaag	gtattttcac	720
aaagctaacc	ttttttaaaa	gcatgtaaaa	attgtacatt	tgtacatata	cgcattacaa	780
ttttacatcc	aaagatcaaa	tagttaacag	ttcatttagg	gctttttgta	ttgtttgatt	840
ttccagattc	tgctactccc	ttggctttga	cctaacctga	catcattctg	tcacattatc	900
ttctaaatca	agtaaacggt	catttgtctc	agtaagcaca	atctatctgg	gtgacaccag	960
agaggtttct	gaagggtctg	gtgtacgctg	aggcagtga	ataggtctgt	tggcacaggt	1020
aagaaggaag	tggcatgata	aacatcacaa	ccccagggaa	cagccttcca	gagtggcaca	1080
agcactccca	ccgagatggg	ccagtgcaca	cccgttaaag	agtcaaaacc	caaagttact	1140
gagtgtccca	caaagcaagt	cacactagct	ctcaaaggaa	gtgagctggt	tcaggactca	1200
atgaagcagg	gtcactttga	acactgggtg	tttgacatct	gtgaaagaag	tcatttgaac	1260
tcttataaag	agaattaagg	ggtcagcagc	ttccctggaa	aatgcaggaa	aaccaataag	1320
agaggggaca	gttttcatct	tttcataaag	ttcttctcca	gagctaccga	agttctctgt	1380
aaagagtaga	tattccgctt	caccgatcc	tccagggagg	aagtagatgc	actctccagc	1440
ttcatgcggt	ggatgaactt	cccatcccg	gagtcacagt	tctctagcct	ctgctcccg	1500
tcctcatcct	tagcatgcct	cttgaggatg	ttcagtcctc	cctcctccct	ccatttgccg	1560
ttttccatca	tctcttgccg	ttttcgctct	aattcctctg	cagagagttt	tctgggtgat	1620

ccgggagcat	gtcgcccttg	gtagacctct	tttttaggtg	atgggctcct	agtttggcct	1680
gtctctctcc	tgttcacctt	agagttgtgc	agtttgtctg	gtcttggctc	gtgccgaatt	1740
cntgcagccg	tcgaaggcgt	caattctctt				1770

<210> 2948

<211> 4242

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(4036)

<223> similar to gi4240225 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2948

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gctcctgctg	tggattgtca	gcagctgcct	ctgcagagcc	tggacggctc	cctccacgtc	120
ccaaaaatgt	gatgagccac	ttgtctctgg	actcccccat	gtggctttca	gcagctcctc	180
ctccatctct	ggtagctatt	ctcccggcta	tgccaagata	aacaagagag	gaggtgctgg	240
gggatggctc	ccatcagaca	gcgaccatta	tcaatggctt	caggttgact	ttggcaatcg	300
gaagcagatc	agtgccattg	caacccaagg	aaggtatagc	agctcagatt	gggtgaccca	360
ataccggatg	ctctacagcg	acacagggag	aaactggaaa	ccctatcatc	aagatgggaa	420
tatctgggca	tttcccggaa	acattaactc	tgacgggtgtg	gtccggcacg	aattacagca	480
tccgattatt	gcccgcctatg	tgcgcatagt	gcctctggat	tggaatggag	aaggtcgcct	540
tggactcaga	attgaagttt	atggctgttc	ttactgggct	gatgttatca	actttgatgg	600
ccatgttgta	ttaccatata	gattcagaaa	caagaagatg	aaaacactga	aagatgtcat	660
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aagcaaccag	cttgccccca	tatatggcca	cacatcagtg	atgacaggaa	gtttgctgga	840
tgaccaccac	tggcattctg	tggtcattga	gcgccagggg	cggagcatta	acctcactct	900
ggacaggagc	atgcagcact	tccgtaccaa	tggagagttt	gactacctgg	acttggacta	960
tgagataacc	tttggaggca	tccctttctc	tggcaagccc	agctccagca	gtagaaagaa	1020
tttcaaaggc	tgcatggaaa	gcacaaacta	caatggcgct	aacattactg	atcttgccag	1080
aaggaagaaa	ttagagccct	caaagtgtgg	aaatttgagc	ttttcttggt	tggaaacctta	1140
tacggtgcct	gtcttttttc	acgctacaag	ttacctggag	gtgcccggac	ggcttaacca	1200
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cagtcacttt	gcggataatt	tgggcaatgt	ggagattgac	ctcactgaaa	gcaaagtggg	1320
tgttcacatc	aacatcacac	agaccaagat	gagccaaatc	gataatttct	caggttctgg	1380
gttgaatgat	ggacagtggc	acgaggttcg	cttcctagcc	aaggaaaatt	ttgctattct	1440
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tggcgagaag	tacttttttg	gaggttttct	gaaccagatg	aataactcaa	gtcactctgt	1560
ccttcagcct	tcattccaag	gatgcacgca	gctcattcaa	gtggacgac	aacttgtaaa	1620
tttatacgaa	gtggcacaaa	ggaagccggg	aagtttcgcg	aatgtcagca	ttgacatgtg	1680
tgcaatcata	gacagatgtg	tgcccaatca	ctgtgagcat	ggtggaaagt	gctcgcaaac	1740
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ctctatctac	gagccttctt	gtgaagccta	caaacaccta	ggacagacat	caaattatta	1860
ctggatagat	cctgatggca	gcggacctct	ggggcctctg	aaagtttact	gcaacatgac	1920
agaggacaaa	gtgtggacca	tagtgtctca	tgacttgacg	atgcagacgc	ctgtggtcgg	1980
ctacaaccca	gaaaaatact	cagtgcacac	gctcgtttac	agcgctctca	tggaccagat	2040

aagtgccatc	actgacagtg	ccgagtactg	cgagcagtat	gtctcctatt	tctgcaagat	2100
gtcaagattg	ttgaacaccc	cagatggaag	cccttacact	tggtgggttg	gcaaagccaa	2160
cgagaagcac	tactactggg	gaggtctctg	gcctggaatc	cagaaatgtg	cctgcggcat	2220
cgaacgcaac	tgcacagatc	ccaagtacta	ctgtaactgc	gacgcggact	acaagcaatg	2280
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aggagacagg	aattattgga	atgcccctc	tttcccaaac	ccatcctcct	acctgcactt	2460
ctctactttc	caaggggaaa	ctagcgctga	catttctttc	tacttcaaaa	cattaacccc	2520
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tgccacagaa	gtgtcctttt	catttgatgt	gggaaatggg	ccagtagaga	ttgtagttag	2640
gtcaccaacc	cctctcaacg	atgaccagtg	gcaccgggtc	actgcagaga	ggaatgtcaa	2700
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ccacagtgtc	aacatcaccc	gccacgagaa	gaccatcttt	ctcaagctcg	atcattatcc	3420
ttctgtgagt	taccatctgc	caagttcatc	cgacaccctc	ttcaattctc	ccaagtcgct	3480
ctttctggga	aaagttatag	aaacagggaa	aattgaccaa	gagattcaca	aatacaaac	3540
cccaggattc	actggttgcc	tctccagagt	ccagttcaac	cagatcgccc	ctctcaaggc	3600
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cctggatcac	ctggattcag	ccagtgcgga	ttttccatat	aatccaggac	aaggccaagc	3780
tataagaaat	ggagtcaaca	gaaactcggc	tatcattgga	ggcgtcattg	cctgtggtga	3840
ttttcacccc	atccctgtgc	acccccggtc	cttccctgat	cccggtaaca	tgtttcccc	3900
cacaagggca	ccctacccat	acccaacgaa	gcaaaggggg	ccggaagtcg	gcagaagaag	3960
cccggacgcc	gcccattccat	gaacaacgac	cccccaactt	cacagagacc	cattgatgaa	4020
agcaaaaagg	aatggcctca	tttgaggggt	ggctactttg	ctatgggata	gggaggaggg	4080
aattactagg	gaggagagaa	agggacaaaa	gcacccttgc	ttcatactct	tgagcacatc	4140
cttaaaatat	cagcacaaag	tgggggaggg	aggcaatgga	atataatgga	atattcttga	4200
gactgatcac	aaaaaaaaa	aaccttttta	atatttcttt	aa		4242

<210> 2949

<211> 1002

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(665)

<223> similar to gi4894364 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2949

cccacgcgtc	cgagagaatt	cacactggag	agaagccata	tgagtgtgag	gtttgtcaga	60
aatttttttag	gcacaagtac	cacctcattg	cacaccagag	agttcacact	ggagaaaggc	120
catatgaatg	cagtgtattg	gggaagtcac	ttaccacacag	ctctacattc	cgtgttcata	180
agagagttca	cactggtcag	aagccttatg	agtgcagtga	atgtgggaaa	tcttttgccg	240
aaagctccag	tctcactaaa	cacaggagag	ttcacactgg	agaaaagcct	tacgggtgca	300
gtgaatgtga	aaaaaaat	aggcaaactc	cttcacttcg	tcacacacag	agagttcaca	360
aaagaaaggg	cttatgagt	cagtgtgagc	agtctcatta	aattattggag	aatacacacc	420
tgagtaagat	cctgtgattg	cagcaaagt	ggaaaatgtt	tacccaaagg	tctgtctctc	480
ttggatattg	gagagttcac	actagagaag	agtccttaca	agtaaaataa	atttgggcag	540
ttttgtagcc	acacctctgt	attccttcag	gattatagtt	aacactgaat	gaaggcctta	600
ctagtgtgac	aaatacagga	tatttatcca	gaagtctggc	tgcataactc	acaggagagc	660
tgtcatgtgg	gaggattgct	acatgggagg	atttgcttga	gcccctggga	ggcagaaggt	720
tgcatgtgag	cgagattgca	acactgccag	tcccagctctg	ggccacacaga	gtgaggaccc	780
tgtttcaaaa	ataaaatata	taaataacat	ccaataaagt	atgcatattt	gagctgcagg	840
ataagtcttg	aattttcttt	ttcttttttt	tgaggagagcc	ctcgtctctgt	caccaggtct	900
ggagtacagt	ggcataatct	cgggtcactg	caagccctgc	ctcctggggt	aatgccattc	960
tcctgctctg	gcctacctaa	tagctgggac	tacaggcaac	ca		1002

<210> 2950

<211> 1887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1888)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1857)...(591)

<223> similar to gi3327174 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2950

tttttttaaat	ttcctgcaat	aagtagtcat	ttaattaaag	aacaaaatta	acaggaatca	60
aaatgttgca	gctgtatttt	ttgttagaca	ttatataaaa	aaggaaaagt	ataatacagt	120
aaatcatctt	gtataacatg	aacttaaaga	gttttcaa	taattatgat	caggataaaa	180
atgtcttttg	aacataatac	tgaatgacac	tgacacatgt	ccctcatgtc	agaggcctgg	240
gagtggtgag	cctgcacatg	cacgttgccc	gtcctccatt	acactgcaga	actgtaaaac	300
aagggtgaaa	ggcaaacac	agttttcttc	tgatagagtt	atgttgggtc	ttaactgacc	360
ccaacagttc	acactcctca	gacaccaaag	aaggaaggaa	gtgtgtcctc	tggttactcc	420
tcttgcaagg	aagtgtgggc	aagattgcac	ctgtgtgtgt	gacactactc	ttctcacaaa	480
cacagcaggt	agggtagtct	tgagctgaac	ttcaggaaag	ttccctgatg	aatgttcagt	540
gttggtatca	aaaaattaaa	cacaaattct	tctcagaaga	aaatctctat	ggcctgtgga	600
atcttgtcaa	gtgcttgctt	gatgcatgta	cctccatttc	attacttttg	tactcattta	660
attctttacg	aattgctgcc	ttatctgctg	ctgacagtct	cgtccagggg	ttgtctgccc	720
tcctgtcata	gtcctgcgct	tttgctactt	ccacgtaatc	actgaatcgt	atcagaattt	780
ttctgtctct	taattcatca	acagtggtgc	tctgattaag	ctttcttgct	aatctttgct	840
tgattttctt	tctttcttcc	tgtctgtctt	gatcattcct	ttgtttcaag	atattttctt	900

tctccagctc	ttccacggca	ggtcttttggc	tcagccgttt	ggaaagcttc	atctcgatct	960
gctgccggat	ctcctgtctt	tcttcatcag	tccttctggg	gaaaatgttc	cggtcttcta	1020
gttctgtttt	gcttggccgg	ttccttagct	tcacggccag	gagctccttc	ttgcatttcc	1080
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cggcagttcg	cttgttctcc	aatgccccgt	caaagctcca	agcctcctcc	ctctccttgc	1260
cccgtccac	gctggacgtt	ctcgacagac	ggacatccag	ccgcttcttt	ggagaccctt	1320
tactttctct	tccttgaaaa	ctgtcctggc	ggtgcttcgt	ggccagcgcc	ctgtgcagct	1380
cctcaatgac	gcggcttggg	ggaagaggcc	ggtggaccgt	ggtgagatgc	ggagaccccg	1440
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tgtccaggga	gtcagcccca	gctaaggctt	gggagagctc	attggtggtg	ggcaggaggc	1680
tgccagcgtc	tgcttcttca	ccactggatg	cagaaggcat	cttggctgca	tcgtccaagt	1740
gggcagctga	ggacagtggc	ttgtccaggg	agacctggtc	cgtcccagtg	gccaaagggc	1800
ttccgggctg	ggcatcttct	gaagtcagcg	tctccgccgt	gggagtgggt	ggganttcn	1860
ccgcncctggc	gagggntnac	ctgtcat				1887

<210> 2951
 <211> 2085
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2086)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (25)...(79)
 <223> similar to gil613858 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2951						
tggcacgagg	cctcgtgccg	gaaaactgag	gcctggggagc	aggaacctgt	aggcagcgct	60
tgagggtagc	gggatagcag	ctgcaagcgc	gcgtggggagg	cgggggctct	gggcggaaca	120
aaaatcacag	gatgtcagag	gatgtttccc	gggaagaact	gggataaagg	aagggtccca	180
gcaccatgga	ggacccgaac	cctgaagaga	acatgaagca	gcaggattca	cccaaggaga	240
gaagtcccca	gagcccagga	ggcaacatct	gccacctggg	ggccccgaag	tgcacccgct	300
gcctcatcac	cttcgcagat	tccaagttcc	aggagcgtca	catgaagcgg	gagcaccag	360
cggacttcgt	ggcccagaag	ctgcaggggg	tcctcttcat	ctgcttcacc	tgcgcccgt	420
ccttccccctc	ctccaaagcc	ctaatacccc	accagcgcag	ccacgggtcca	gccgccaagc	480
ccaccctgcc	ggttgcaacc	actactgccc	agcccacctt	cccttgtcct	gactgtggca	540
agacctttgg	gcaggctgtt	tctctgaggc	ggcaccgcca	gatgcattgag	gtccgtgccc	600
ctcctggcac	cttcgcctgc	acagagtgcg	gtcaggactt	tgctcaggaa	gcagggtctgc	660
atcaacacta	cattcggcac	gcccgggggg	agctctgagt	gcagcttaag	cctctccacg	720
gtgacgggtg	gctctgtggc	tggtaggact	cacccatgat	atgggggtgca	ggaactctgg	780
gggcccgtgaa	ggatttgctt	ccctccccctg	ggaaggcaga	gggctcttaa	taaaggaggac	840
ccagaagatt	cttattttaga	gcttcagtct	ttggagcaca	cagggccttc	gtgagacagt	900

gaaatcagat	aataatgaga	tcttttgtta	aaaaaaaaaa	atgggaaggg	agtgcgggag	960
agaaatgggt	tgtgtctccc	ttattcccag	ttaaatacct	agctgcagat	tgtgccatca	1020
cccttcattc	ttcccagatg	gatgccatgg	gctatggggag	caaattgccc	tggacctttg	1080
cctgaatggg	ggcaggaaaag	gtgaggtgtt	gctggcctgt	aatgccacca	ggtgagttcc	1140
agatgtggag	caacttgggc	ttttggggat	ggggcagcaa	agttgggagc	tggaccccaa	1200
ttgagtgggg	gtagcaattg	gagtccttgt	gtctcttttc	caccccctgc	catcctcact	1260
tagagggggc	atggcactag	atggcactag	tcccccgata	atztatgtct	cgttgaaata	1320
attttgtata	tcattctagt	cctgaaatat	ttttttcata	tgtgtaggtg	aaatggtatg	1380
aataagctaa	caggaatagt	atctaaaaac	agaaaacatc	catattaaaa	tgtcgtaaac	1440
caggagctc	tggcttttna	gtgggaattt	ccagagaaca	taagggtgtg	ggcaggtggg	1500
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acaacaggct	ggagggagca	gtgggtgtca	ccctcaactg	gagatgagtc	ccaccaggcc	1740
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gtggaagact	gatcactgtc	tctgttttta	gctaagcaca	cagcagctga	aaagactgca	1920
tttcccagat	tcctttgcag	ctagatgtgg	ccttgtgact	gatttctggc	taaattcctg	1980
ggtagaacag	tcaagcttaa	gaaagggacg	gctgggcaca	gtggctcacg	cctgtaatcc	2040
cagcactttg	tgaggctgag	gccggtggat	cacctgaggt	cagga		2085

<210> 2952

<211> 923

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (56)...(831)

<223> similar to gi206712 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2952

gggacgaggg	gctttggggag	aaaaaaatcc	aactggcaaa	agagatgcgt	tcctcagtgg	60
attccgagat	cggccagacg	gagatccggg	ccatgaaggg	cgagatccac	aggatgaagg	120
tcaggctcgg	gcagctgctg	aagcagcagg	agaagatgat	ccgtgccatg	gagttggcgg	180
ttgcccgcag	agagaccgtc	accacccagg	ccgaggggca	gcgcaagatg	gacaggaagg	240
cgctcacccg	caccgacttc	caccacaagc	agcttgagct	gcgccggaaa	atcagggacg	300
ttcgcaaggc	caccgacgag	tgacacaaaa	ccgtcctgga	actggaagaa	acacaaagaa	360
atgtgagcag	ctccctccta	gagaagcagg	aaaagctgtc	ggtgattcag	gcagacttcg	420
acacactcga	ggccgacctc	acccggcttg	gggccctcaa	acgacagaac	ctttcagaga	480
tcgtggccct	gcagacacgc	cttaagcacc	tgaggctgtg	gaaggagggg	cgctacgtgt	540
tcctgttccg	ctccaagcag	tcctagtgtc	tggagcgcca	gcgcctggac	aagcgactgg	600
ctctcatcgc	caccatcctg	gaccgcgtgc	gggacgagta	cccccagttc	caggaggccc	660
tgacacaagg	cagccagatg	atcgccaaca	agctcgagtc	accagggccc	tcctagggag	720
cagcctggac	tcgccttgc	aaggcctcca	ggaagagatc	cggaattgtg	tttgtcatga	780
gggacttgga	atcttttgtg	ttcctaaaaa	ccacatgtac	cctcagaagg	gcacgttta	840
agagaaataa	gccagcccca	cccataggaa	tcttttttagc	cactcagcaa	tttaataaac	900
caggtaaaat	cctaaaaaaa	aaa				923

<210> 2953
 <211> 989
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (24)...(12)
 <223> similar to gi3901268 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2953

gattcgagac	tggtagacac	tagtccgtgt	ggtggaattc	ctccactggg	aacactcggg	60
ctgccctggc	cactctggag	cgcgttgcca	agatgaaccg	ctcgggtcatg	ccggagggga	120
agctgggtgga	gcccgtcctg	gaaaaaagag	gaagatttgc	agacctattg	gatgctaaat	180
atttacggac	cacattacag	atctgggtca	tatggcttgg	aatctctttt	gcctactatg	240
gggtttatcct	ggccagtgt	gagctgctgg	agcgggactt	ggtctgtggt	tcaaagtcag	300
actctgcggg	ggtggtgact	gggggggact	caggggagag	ccagagcccc	tgctactgcc	360
acatgtttgc	accctctgac	tatcggacca	tgatcatcag	caccatcggg	gaaattgctt	420
tgaatccttt	aaatatactg	ggcatcaatt	tcctgggaag	acggctgagc	ctttctatta	480
ccatgggatg	caoggettta	ttctgccttc	tcctcaacat	ttgcacttca	agtcgggcct	540
gattggcttc	ctcttcatgc	tgagggctct	ggtagctgca	aacttcaaca	ccgtctacat	600
ttacacagct	gaggtttctta	tgagtgcctc	aatactgggg	gcctgtgtgc	tcttctcctc	660
tgtctgtgtt	gtatgcgcca	tttctgcatt	cactctcccc	atcgaaacca	aaggacgggc	720
cctccagcaa	attaaatgaa	gacctgcaaa	gctatgtcta	ccagatgaga	aaaatgaatt	780
ctatcttcag	aactgcgggtg	cattttttta	aaacttggtt	ttacttctgt	atgctactcg	840
gtaattagta	aagtgatttt	tttttaaaag	gcataatatg	gaatggggta	ggtaactgta	900
tattgatctc	ttccttgagg	aacaatatat	aaagtacttt	tataaaatat	aatttaagct	960
ttcaaagggg	tgtgagaggg	agatgggtgg				989

<210> 2954
 <211> 1364
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(309)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2954

tttttttttt	ttgagacgga	gtctcgctct	gtcgcccagg	ctggagtgca	gtggcgggat	60
------------	------------	------------	------------	------------	------------	----

ctcgggtcac	tgcaagctcc	gcctcccggg	ttcacgccat	tctcctgcct	cagcctccca	120
agtagctggg	actacaggcg	cccgccacta	cgcccggcta	attttttgta	tttttagtag	180
agacgggggt	tcaccgtttt	agccgggatg	gtctcgatct	cctgacctcg	tgatccgccc	240
gcctcggcct	cccaaagtgc	tgggattaca	ggcgtgagcc	accgcgcccg	gccaaagtat	300
gatttcttac	agccacatgg	gcgctgggtg	gaacaaagca	ggcgggtccc	acaggagcac	360
ctgccacccg	gagggccacc	tcctgcagtg	tctgtaaccg	ccagagctct	tactgtgttt	420
cctaagtgtc	tgttcttata	aaaatcaatt	aaaacaggaa	gaggcagggg	gagccgaggg	480
ggtgctgcgc	ccagagagag	ggtgctaggc	tgctggccca	gcaaggcctc	aaggaaagca	540
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gtccccgtc	tgacagctgg	gtgcccaggt	gggtgggtgg	tagacatcct	ggggtgccga	720
cggttgactg	gttctgggga	agggccgcgc	agccctgggg	gatccctgcc	ccaccctgga	780
ctggacagga	cttgggaatg	ggctggcaaa	gccaccctc	aacctgatga	aacccttggt	840
agcaccaga	ccacatgcct	gaggacaggc	tcagacccca	ggctctgggg	gttcccgggg	900
gactaccaga	agccccaaagt	caccccataa	aagcctccca	agccccagtg	gccagactca	960
caccccactt	tccagacaga	aaccaaggct	gggatagctg	ctggccacca	gcagccgccc	1020
caccccccacc	tgcaacacca	gcccagctca	agacaggcct	ggggcctcca	ccctggcagg	1080
gcccacggag	ggcccatgag	ccccaaact	cttgctcag	ggggcctggg	ggtgggagat	1140
gccccctcct	cgtgtgcacg	ctcacctgcc	cctccctgag	cagtgcacga	gccagcgcca	1200
ggctggaggt	tggaggccgc	caccctttta	ctggctgggt	ggcaggcagg	aggctgtgct	1260
ggggagatgg	gacacagctc	cctgcccagg	ggccagcatg	gctgctgggt	ccccaagatt	1320
caggccaggc	ctgtcactgg	tgtcttcggt	ccctctgggg	aatt		1364

<210> 2955

<211> 1734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1736)...(1464)

<223> similar to gil710216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2955

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agcgttcggg	gctgtgtgcc	ggcgccctctg	gcagggatgtg	gggaattttt	ctgtaaacac	120
ttctaagggc	aatacagcca	aaaatgggtg	cttgcttctc	agtaccaata	tgaagtgggt	180
acagttttca	aacctacacg	ttgatgttcc	aaaggatttg	accaaactg	tggttaacaat	240
ctctgatgaa	ccagacatat	tatataagcg	cctctcggtt	ttggtgaaag	gtcacgataa	300
ggctgtattg	gacagttatg	aatattttgc	tgtgcttgct	gctaaagaac	ttggtatctc	360
tattaaagta	catgaacctc	caaggaaaat	agagcgattt	actcttctcc	aatcagtgc	420
tatttacaag	aagcacagag	ttcagtatga	aatgagaaca	ctttacagat	gttttagagt	480
agaacatcta	actggaagca	cagcagatgt	ctacttgga	tatattcagc	gaaacttacc	540
tgaaggggtt	gccatggaag	taacaaagtt	ttgtttcttt	atttttttag	acacaattag	600
aacagttacc	agaacacatc	aaggagccaa	tctgggaaac	actatcagaa	gaaaaagaag	660
aaagcaagtc	ataaagcctc	agggaggcca	tttttgcta	aatttgaaat	gaggggtgggc	720
cagatgagta	tgtttaagtg	gagagtgtt	ccagctgaga	tgatttgagt	ctgtcctaac	780
tgctccattg	agttctcgtg	ccctcatcag	ctgagggcag	ggaatggaac	tttaattggaa	840
gaaccacttt	tatctattct	ttttattcat	tgtttcagtt	ctgatttcag	caaacatgag	900

caaaccactt	tgactgaaag	cagaaagagt	gaaaattcta	ttttgttacg	ctactgggtg	960
tcaattatta	gtttgtacca	tttttaattt	atgtcagttg	atgcatctga	aaataagtgc	1020
ttggagtgtt	cgtaccctta	ttttttttta	agattcctag	aaggaatctt	tggttaattc	1080
agattgagca	gttaaagttt	ttgctattta	cctttgtgca	ggctggcata	tgctaatttg	1140
ggggtggtaa	ccaaccgatt	ttatctcatg	taagcattac	attttgaaga	ctgaatatac	1200
ttcacagcag	atcaaacaca	tttatggcat	gcactgacct	cttcttggag	cccagaactt	1260
tatagagttg	cctaccaggg	ttactgtaat	ggaatttatg	atcttaagaa	attactagtt	1320
gtattattta	tcctatgatt	cattcattca	ataagctttt	actgcataaa	ctttacatcc	1380
agcactgtag	ttaagtaccc	aaaattgaa	agaaataatg	gcttttgaaa	attgcacaaa	1440
gcaggccagg	cacggtggct	cacgcctgta	atcccagcac	tttgggaggc	cgaggcaggc	1500
ggatcacgag	gtcaagagat	ccagaccatc	ctggctaaca	cggtgaaacc	ccgtctctaa	1560
taaaaataca	aaaattagct	ggacatggtg	gcacgtgcct	gtaatcccag	ctactcagga	1620
ggctgaggca	ggagaatcgc	gtgaacccgg	gcccgggtga	ggctgcagtg	agacgagatc	1680
gcgccactgc	actccagcct	ggcgacagag	cgagacaccg	tctcaaaaaa	aaaa	1734

<210> 2956

<211> 1799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1799)...(1202)

<223> similar to gi3747099 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2956						
cttagaattt	aagcatgaac	attacaaaga	cttaagggtat	gtgataaaaa	acctctttcc	60
ttacaggtat	tcagatttta	tttgtgagcc	cctaaacatc	aatgtcttaa	agggttgaca	120
ttataacaat	ggaataactg	aaaagcgaag	ttttctgaag	tcatatgacc	ctgctgtgtg	180
cccaagtcac	ctattcacat	ggctgttcac	atcatctgca	tgaaaatatt	ttcactttct	240
gttaaccata	gtgatttaca	attctatgac	tattaaagtt	tattaaacac	aagtttagaa	300
agtatcttta	acaaaggtgt	gtttatttcc	atatattgct	cattacattt	ttcttgccac	360
agttttatct	aaagccagg	caaaatcttt	ctctaaggta	tttattaata	gtgtagttc	420
ttcagatata	aaatccctct	ggtcaacatg	caacatttga	atatctattg	gcactgtacc	480
tctatgagat	atttatgaca	tttgtttaata	gtgaacctca	acctcctgac	cgcacatccg	540
aagttggggg	cgatgtgggg	gaacatacac	aaaattacaa	ccacattact	ggtcaagcac	600
tttatagcta	aaatctattg	actttaaaat	agcattgtat	gtgaattcag	agttttaatg	660
tattttgtgg	atcaaaaagga	aagggtcaaa	ggctaagctg	aacacggagg	gcactaaatt	720
agctaataag	gcagctagtg	ccctgtttct	tgccccagcc	ctgtcatatc	actacatccg	780
attctctcaa	atgtttataaa	gaataatgaa	cttaaaaactt	caggggttcc	tgaaaactgg	840
tattaaatta	aaagcagagt	agtcaaaatt	ctttgcaa	gacttctgtg	atagaaaaaa	900
atattttcaa	cctgcgtcag	aggagaatta	tcttttaggt	gccaaggaaa	gagtgataaa	960
gatgctgagt	atattagtc	aggtcatctg	agaagactat	tttgtggttg	attcttctga	1020
gcccctgaat	tgtccaacat	tattggtgta	cctgtagcgt	gaacaacatt	gcaaccaata	1080
attttttgaa	tacagcaatg	taaaaccctc	aactttaatg	ttcctcagat	cgtaacaaat	1140
cagctcagct	acaagtcttc	cccaaagtgg	agctattcta	gtcatatatt	tacttagttt	1200
caaagagcag	gaatcctgca	aagggtggaga	agcgttggtg	gtccccatgg	agagcgccat	1260
tgcccattcg	cagccaaacc	tcatcccctt	tggttagctt	cagcacagca	tgattgctgg	1320
atgtatctga	tttgcccttc	atttcatagc	tgtacatgct	gaagactgtg	ttgccattgt	1380

gcataaggt	acatacact	tcctcaacat	cctcatgctt	catcatgctg	aaggtgaaga	1440
aatacacacc	tgatactggg	gccccaaatc	taccagtcac	gacatcaaag	aagtttccaa	1500
tgttggtctc	aacactgctg	aagataatcc	cactgttctg	attgctgaag	tgggttgcca	1560
gagaagccat	gaatgcaatc	tgtaatccca	gctactccag	aggttgaggc	aagagaatcg	1620
cttgaacctt	ggtggaggct	gcagtgaacc	aagatcacac	cactgcactc	cagcctgaag	1680
ttctggtgga	atccccgggt	agcccttctc	tcctttgggg	ccatgctgcc	cccgtcccc	1740
tcgaggcccc	aggtcacctt	gtcgcacctt	ctcacctttg	gctccttcat	gaccagtgg	1799

<210> 2957

<211> 1798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1799)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2)...(1310)

<223> similar to gi1894791 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2957

agccatcgta	aaaccacaac	cagctgtaca	tcaacatagc	tcaagttcat	cagtttcctc	60
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tactaaagat	gatgatgaat	tctgcaacat	ttggcagtc	ttacagggat	ctggaaagat	180
gcaatacttt	cagccaacta	tacaagagaa	gggtgcagtt	ctacctcaag	aaataagcca	240
agtaaatcaa	catcataaat	ctggctttta	tgacaacagt	gttaaataatc	agcaaagaaa	300
acatgaccct	cacagaaaat	ttaaagaaga	gtgtaagagt	cctaaagctg	agtgttggtc	360
ccaaaaaatg	tccaataagc	agcctaactc	tggaattgag	aacttttttag	catctttgaa	420
tatctccaaa	gaaaatgaag	tacagtcac	tcatcatggg	gagcctccaa	gtgaagagca	480
tttgtcacca	cagtcatttg	ccatgaagag	atgaatatgg	attaccctct	cagcctaaac	540
aaaataagaa	attagcatct	tatatgaaca	agcctcacag	tgctaattgag	taccataatg	600
ttcagtctat	ggacaatatg	tggtggcctg	ccccagcca	gatccctcct	gtatccacac	660
cagtaactga	actttctcga	atttgttccc	ttgttggaat	gccacaacct	gattttctcct	720
ttcttaggat	gccacagggc	tccttaggca	tgaatttccc	tttgccctca	caagtatttg	780
caaattatcc	ttcagctgta	ccacctggaa	ccattctccc	agcctttccc	ccacctactg	840
ctaataataat	gccttcgtcg	tctcatctct	ttggctcaat	gccatgggga	ccatcggtgc	900
cagttccttg	gaagcccttc	catcatactt	tatattctgg	gaccatgccc	atggctgggg	960
gaataccagg	gggtgtgcac	aatcagttta	tacctctgca	ggttactaaa	aaaaggggtg	1020
caaacaaaaa	gaactttgag	aataaggaag	cccagagttc	tcaagccact	ccagttcaga	1080
ctagccagcc	agattcttcc	aacattgtca	aagtaagtcc	acgggagagc	tcatcagctt	1140
ctttggaagt	cctctccgat	ttgctcaacc	tgcattctct	ttttcaagtt	ggaaactggc	1200
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aaatcaagaa	aactggctgt	taatttttgt	gtttctaaac	cttctgagta	aatttgcccc	1320
cttagaatta	agttaatttc	ttctctttcc	atctaccttt	ttataaatac	atatctatgt	1380
ctcataaaaa	ttagaatgta	ctatttttaa	ataatatgtg	taaattgaaa	tttttttcat	1440
ttttaagtta	tcaggcactt	ttcatgctgt	ttaaaagact	gtgtatcaaa	ttgtgcactt	1500

taagtatgtg	cagtttggtg	tatgtcaatt	atacctcaat	aatcttaata	aaaaactaaa	1560
ttaaaccctg	cattaaaata	atatcacagt	atcagtgga	taaacattaa	aatgtaccac	1620
tctaatacatt	ggcctcatga	ttgaagcatc	ctgaactatg	aattagacat	cagttagcaa	1680
taataagcat	tttttnacta	tcattgagga	ataattcatg	gagcatgaaa	tttgggcctc	1740
cggataactt	ctgaatgtgg	atttatnctc	tttttaatga	tgtagaaaa	gnaggaga	1798

<210> 2958

<211> 4138

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3756)...(2555)

<223> similar to gi2739386 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2958

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ttaaagtaca	aagaaagact	tcaaaaatga	ggttactgtg	atgtatcata	aaaggagtta	180
aaattcaaaa	tatcaaaagac	ctcacctatc	ggactaaaca	taaatcttaa	aacctcctat	240
ggctctctga	gcctaaaatt	acaaaactta	gcaactgctt	aaaccaagga	attaacggtt	300
ctgtgttttc	aaggttaagaa	aacaaaaaat	gctttggtaa	actaccttta	atactagttt	360
aaatgtttct	gccttggttg	tatctctctt	gaaagactgt	atataagtac	aggcacagca	420
tataattgag	aaaacatctc	acaaatttca	tttactatag	gtttctcaat	aatctttaca	480
tttaatcaat	gagaaaagt	attcagtcctc	ttgaatttta	agttaaaaaa	attaaaaagt	540
atttccaggg	actcttaaag	ctctctccca	aagtataaaa	tattatgtac	tttcaaaatc	600
ttaagcattc	acgttctttc	tgagaccaac	gcaggataca	aacttactct	caacatagat	660
gcttatgtgc	ttttgggcac	acatagtctt	tcttagaaca	gtggtcaaac	agctcacagg	720
accctgtact	cctcttcac	ctggactgtg	atgggtggcca	cagccagacc	agccccctcc	780
catctgcctt	ccaggtcaga	ttccctggca	tttattaagc	tgctactctt	caatgggttc	840
ttccttgggg	gactcaagct	cattcaataa	gtctttgcca	gctgctccgg	cttttgaagc	900
aaagagaact	gctccctgct	taaaaccgag	gttcttcaaa	ctccgggcat	aatctgcata	960
tatagcagtg	atgagtttct	ctgtgtcctc	agtgaattca	aatgctccat	acttgaggca	1020
agctttccaca	aataaggtcg	ctctatcaaa	gtatctcatg	ctgtgaagcg	tctctgccac	1080
gctaaaaaag	cagcccagag	agaggagaac	caggagagcc	tttgatttct	gattgacttg	1140
tgagagaaca	aggtgggtcaa	cccaccgcct	taaaacatcg	gcacactcct	caggattcaa	1200
acggactttt	gccagccatg	cagcccgatt	ccactcgccg	tatgtctgca	ggtagcggca	1260
ggcgtctgca	gccttatcta	tcaggcagag	caactgaacg	ccctctgcca	atttgccatt	1320
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agtagtgact	aaacaggctt	tcagtgaatc	acagtaataa	tgctgggttat	ctgcacttgt	1440
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cagtttgtct	cgaggagcag	cttcttttag	agctgtttgt	ctggctgact	tttcttgga	1680
taagctgtgc	aggtagtggg	cagcgacagt	ccagaagtgc	agctccgatt	catcaccata	1740
gagccttgaa	acaagcaggc	acctctgcaa	gagagtgaat	tctggatcaa	gcaacagttt	1800
ctttatgtca	ttagacaatg	aattcaactg	ttcttgagg	agattcttta	tttcttcatt	1860
ttctggatag	tcaacatgag	aaatgtccaa	agaatactgt	ccattccaag	gctggtgtaa	1920

taagaaggct	ttcaaggcaa	gagaggccct	tggacaagg	agataggggc	accacacagg	1980
ctcggttaac	tcttgttcat	ccattctaaa	gcacgcagac	ttcatagaca	tctctaggac	2040
tctgatgcac	ccatcatctg	aggccaagat	cactttatct	gacgtacacc	agtccacatc	2100
caatatacga	aaggtcacat	ttctgccact	tcttaaactg	ctcaccatct	gaacctcttt	2160
agtatcccac	acttcagctc	catcattgta	cattgctatt	aatttttgat	ttcctttacc	2220
aggagcaaaa	cgaatcttcc	tcacccaact	tcgggtgtgtg	ggtattcctc	tggatactct	2280
gcctttcaag	tcccagaaat	ttaaatttcc	atccatatct	ccaagcacta	atgtatcacc	2340
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aaaatgttcc	cgggcagaga	tgttctgact	aagttcagat	ttactttctg	cctcctgcag	2520
caagctgatac	acagatgatt	caacaatact	cagctctgtg	tctgagacta	cggctctggcg	2580
ggccatggcc	tctcgagttg	caagttgctt	ctttctcagg	ctcttcaagt	tgtgagatgg	2640
tgaccactcc	aaagcagtta	ttgtagggaa	gtttttggac	atctctctaa	gaaggggtaca	2700
agtcctaaca	tcccatagct	ccaggggttt	atctctgaat	acgactgcca	aatactgctt	2760
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caccaggaca	gaaccattac	ttgtaccaac	agccagcagt	ggctgataca	tcttgatggt	3060
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cctgccatca	ctcactacga	gggcggctgc	attctcattg	acaggacagc	acaccatact	3420
gaagggacgg	acgggttttg	tcacctgat	tgcatcacac	tggcttcgta	aatcataggt	3480
aagctcctga	actggatctg	gatctgggtc	ctcatttgaa	gtggtaaaaa	tgttattata	3540
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caccgtctga	ttcacctcaa	ggtcaaggat	taaaatctct	cgaggataga	gcaacaacat	3720
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gctggtaagc	actatattga	gaaaagcaaa	actctgatta	aagtttaatg	aagtttagca	4020
tacagtttta	ttccaatata	attttgagag	caatatagtg	ataattttta	taatataata	4080
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<210> 2959

<211> 1413

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (99)...(1047)

<223> similar to gi4587572 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2959

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ctgagaagac	cattctggct	gtagagagga	acaaagtgtc	gctgcctcct	ctctggaaca	180
ggaccttcag	ctggggcttt	gatgacttca	gctgctgctt	ggggagctac	ggctccgaca	240
aggctcctgat	gacattcgag	aacctggctg	cctggggccg	ctgtctgtgc	gccgtgtgcc	300
catccccaac	aacgattgtc	acctctggga	ccagcactgt	ggtgtgtgtg	tgggagctca	360
gcatgacca	aggccgcccc	aggggcttgc	gcctccggca	ggccttgat	ggacacacac	420
aggctgtcac	gtgcctggca	gcgtcagtc	ccttcagcct	cctggtgagc	ggctcccagg	480
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cgggagcaca	cttgtccctg	tggaaatgtc	atggacagcc	cctggccagc	atcaccacag	660
cctggggccc	agaaggagcc	ataacctgct	gctgcctgat	ggagggccca	gcatgggaca	720
caagccagat	catcatcacc	gggagtcaag	acggcatggt	ccgggtttgg	aagactgagg	780
atgtgaagat	gtctgttctt	ggacggccag	caggagagga	gcccttggt	cagcctccaa	840
gccaagagg	ccacaagtgg	gagaagaacc	tggccttgag	tcgagagctg	gacgttagca	900
ttgctttgac	aggggaagccc	agcaaaacca	gccccgcagt	gactgctctg	gccgtgtcca	960
gaaaccacac	caaactcctg	gttgggtgatg	agagggggag	aatattctgc	tggctctgcag	1020
atgggtagga	agagagaggg	agcagaggct	ctggcacaac	agtgccaggc	tgaggggtggc	1080
agaggtgact	ggggcctgag	ctctgcctac	agaaaaaacc	cccagggcct	ccttccccac	1140
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atgggacttc	tatgaaaagg	atgagcacac	acactcggag	ggctgagcag	cacgctggaa	1260
actgtgactt	ggtgatgccc	agctgcacac	gaaattacac	atgactcacc	ttattaaggg	1320
ctattgcact	gaaaaaaaaa	aaaaaggggc	ccctaacggg	aaattattgt	attgtcttta	1380
ttttattaaa	gcacctatgt	tttaaaaaaa	aaa			1413

<210> 2960

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(793)

<223> similar to gi203654 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2960

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tatccctggc	tcctggccct	ggcagggtgc	cctgcaggac	agaactggct	tccatttctg	180
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cctgaaaatc	gctcaggttt	ttaagaaccc	caagttcaac	tccttcaccg	tgcgtaatga	360
catcacccctg	ctgaagctgg	ccactcctgc	ccagttctct	gagactgtgt	ctgccgtgtg	420
tctgcccact	gttgacgatg	acttcctcgc	tgggacactg	tgtgccacca	ctggctgggg	480
caagaccaa	tacaatgccc	tcaagacccc	ttgacaaagc	ttcagcaggc	tgccctgccc	540
atcgtgtccg	aggctaagtg	caaggagtcc	tggggttcca	agatcaccga	tgtgatgatc	600
tgcgcagcgc	ccagtggcgt	ctattcctgc	atgggtgact	ctgggtggcc	cctcgtctgc	660
cagaaggacg	gagtctggac	cctggcaggc	attgtgtcct	ggggcagtg	tttctgctcc	720
acttccaccc	ctgccgtgta	tgccctcctc	actgccctca	tgccatgggt	tcaggagatc	780

ttggaagcca actaagtaca cggtccttac ctcttcata ttactcccc gccgtgcac 840

<210> 2961
 <211> 1372
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1371)...(1149)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2961
 gtcacgtatg ttttaaatat tcaaaagttt ctgtcagaaa acagtatttt ggaattaaat 60
 ttctagaatc tttcataata ttctctcctc tctactgaac atagtactag gttggtaact 120
 ggaggatccc agaaagtcac gctaattttt ctaacaaaac aggccttgct gtctctaact 180
 ctgatctgat atcctgcttt gagcaaataa aagagccctg gaatgtgaag agacatgaga 240
 cagtagtcag cttctcaggt aggttaagcat gaatgaagca gataacagag acgagggata 300
 cgaaggtcag aaagaatttc agaccttaaa atgtggtata gaatgctctg cttccatgga 360
 aaggtttcct aaaaagccat ttatttctct agctcccaa taggagcatc ttttgcctca 420
 tacccttaaa ttctttaagg atcctacttc ctatttagtg attttcctta gagggtagcg 480
 tgagagctaa agtcctcttt atggcttata aggtgctgca tgatatgcct gctcttccat 540
 tggtttgggg gagtataaga atatttctga gtattttaga ggaactgcat gttagatcat 600
 ttaacgtttc ttttcccatc atgtctgaaa tgtgtaagag gagtgggtgat attaagattt 660
 gtttcagaaa tcacaggaac atgaatgaca gatgttactt ctctattttt ttttaatat 720
 agcaatccta acagatttct agtgatagct catcattggt ttcatattgca gttgcctttt 780
 ggtaggtgat attgagcact tttttatata tctattgggc atttgatat atttggtggc 840
 aaaatatatt tttcactctt tcaaccattt tttagttgga ttattattgt tattattata 900
 cttgcttttg ctttgaattt tctatatatt ttgaatatta agcttttctg atatatacag 960
 tttgctgttg tgagcatgct gcaataaatg tgcaagtata cgtatcattt tcatataata 1020
 aactattttt ctttggggta gatacccaa tgatgagatt tcctgaatca aatgatagtt 1080
 ctggccagg cgtggtagct cacgcctgta atccccaaca ctttgggagg tagagggcggg 1140
 caggtcatga ggtcagaagt ttgagaccag cctgagcgat atggtgaaac cccgtctcta 1200
 ctgaaaatac aaaagtttag caggcgtggt ggcagcttgc ctgcagcccc agctcctcag 1260
 gaggtgaca cagaagaatt gcttggacct gggagtcagt ggttgcagt agctgagatc 1320
 gtaccactgc actccagcct gggacaacta agactccgtc tcaaaaaaaaa aa 1372

<210> 2962
 <211> 1529
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1530)...(133)

<223> similar to gi5262613 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2962
tttttttttt ttaataaagt cggctgccat cctctccccc ggctcaggtc aaagttcata    60
ggcagcaatg cacaaagtcc tctgtgaagc cagtgttctc tgctccccgg gtcagaggtc    120
acaggtcaag ttcagtcagt ccgaagaatc atgggcgggt gctcgtctgc ctcatccagg    180
gcgcagggcg tgggccttcg gtccctccagg gcaggcgcca cccacagcac ccagggtcgt    240
ctcgtgtagg gcaagtctcc gttgggggat aaggcacgta agtacctttt cctgcaagct    300
gcgcccgtaa tgtctgaggt gactaagggg gcaattctgt agaaggcaga gttcccaaga    360
ttctcattgg gtctgtttcc aagactgccg ttccagccgg tgctgcttca ttcaggggca    420
cactcgccgc cctccttggg ggtccagggt gtacatgtac aggtaccgct cggcggcacc    480
caccaacaac cgcgggatct tctgaattgt ggctagcgag cagatgtttt tgtggccgca    540
gaatggcagg cggaccgtgg cgaaggctct gccctggttg aacatttctg tcacttggga    600
aggcaggtag ctggtggagg cccatgagca ctttcccga gtaccgggtc caggtgggtg    660
gtcctctctg gggtttttct ttcacagtct cgagtttgaa gatgtgcacg gtctcagtgt    720
tgctggaggc ggagaggaac atgccgtcca tgctgaaggc caggagcag atgtcacgc    780
acctctttac tcctctccga aactcaaaga gttttttgtc cttctggaat ggaaaatacc    840
ctaatacagg tccccttctc cgaagccgtg gcaagtttag ttccacttgc gtcaaaggcc    900
agtgcgcgtt aaaggactgt cgtgagccgg aatcatgttt gcagctctca aattaaagg    960
tatcgaagac ctggcaaacc ctctccgatg gtcgcgtccc ctgggtacgc caagtagcag   1020
ttgtcgttgt tgattgacag cgcacacagg cctgcagggt ttggaggcgt ctccctgatc   1080
gtatgcagca ccttcatgtc ccgaatgttg tggatgtaca gggactcctc caggcatact   1140
atcagcctct cctctgttag cttcacagcc agaatcgtgt tggagtagct gtagttgcag   1200
atctcagttc ccttcttaaa gtggcaaacc tttagcttcc ttggtgcttt aaggctcacg   1260
atggccacta ggctgctgga gaacaatctc tctacaatgc acacatcttc cgtatcgggtg   1320
cattcataga tctgttccag cttatccaca gaagaaaggg agaaaaattt ataaccggac   1380
ttactaccaa cagctagggg ccagacaaca gcgcgacggc caagaccagc tgctcttgat   1440
gcccccttca cttctgtgtt gtccctgggtg aagttggcga agagcagctg gccggcgccg   1500
gcctccccgc tctggctcgc caggttcat

```

<210> 2963
<211> 1219
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1220)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1219)...(468)
<223> similar to gi2429362 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 2963
tgggcccccc gagggatcct ttaaaacggc cccccctttt tttttttttt cagagtttca    60
aaatattctc atctgttaaa ttaagagtgt ctcccataga aaagcagtgg agggcccaca    120
gggcaagtac aaaacagaat taaaactccc aagggtcttg tctttacaaa agaaaaggca    180
ggaggcagcc cctggacagc tggtcatgct ggccgctccg gttggaccac gttgcataat    240
cctcagtcgc atcatcaca cgtctctgag cgttttgatg gggggagaa gggcagtgta    300
gtgtgtatgg gaggagaggc ccagagggct ctctttgccc ccttaccccc ttttttatat    360
cccagaggaa agtcggggga acctggctac accttgaaat gaggtatgt gtttcaaacc    420
tggggacggg gtaagagagg atctgtgctt tgagcaacct gagccagagg cagaggggtg    480
ttggaggggt aaggggagga tgcattgatc ttattgcttt gtacctttca ctgggaagga    540
gggcagcagc caacagtagc tcacaggttt gtaaaactgag cctgttggct ttaagaaggg    600
aggcaatgaa atcgaattaa atataaaaga gtcatttgtg caaaaataac ttaaacaat    660
aaaagacctg gggaaggggg tgttccccct agcgcctggg ggggaaaggg ccatatacca    720
tcccccccag gccttttctg tgacatggct tcgggggggg ggggggggtg tggggggggg    780
tgaaacttcc ctgccccctg caatggctca ggatgggatt gtaggggaag gaggttgcatt    840
tgtgctctga gtggggagta gtgccccac ccactgtcca cagggtgcagg tggctggcag    900
gggctcccaa ggctcagcac tcagctctcc ccaatcaggg tcagatccag ctccaggtat    960
ggctgctatg gggccagttt cctcctcttg tttttggcag gacggccagg gcggggcccg    1020
ggaggcagag ggacagctgc tcgggctgta gggctgggtt ccaaggtaat gtcctggcgg    1080
gagctattgc tgttccgggt agggttgtat tttctcctac gaccacgacg aaaaattctg    1140
tctactcccg ggggcacctt aaggtcctca gaatggggcc cgggaggggg gnnttagcgc    1200
catcaaatag ggtctcagt                                1219

```

<210> 2964

<211> 2609

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (57)...(715)

<223> similar to gi4007778 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2964
tcgcagattt ccagaatgaa agtgcagcag ccctggctgc tgcagccact cgacatttac    60
aagaagctga gcaaaccaaa aacagtggca ctgagcactg gtggaagatc catgaggcat    120
gcatgcttgc cctaggctca gtgaaggcca tcactactga cagtgtgaaa aatggcagga    180
ttcattttga catgcatggg ttcttgacca atgtcatcct tgcagacctc aacctctcag    240
tgtctccttt cctcttgggc cgggcacttt gggctgccag tcggttccact gttgctatgt    300
cccctgaact gatccagcag ttcttacagg caacagttag tggctctcac gagacacagc    360
ccccatcagt tcgaatttct gcagtgcag ccactctggg ttattgtgac caactgaaag    420
tctcagagag taccacagtg ctccagccct tcctccccag catccttgat ggcttaattc    480
acctagcagc ccagttcagc tcagaggtcc tcaacctggg gatggagacc ctgtgcacgc    540
tttgtacagt agaccccgaa ttcacagcaa gcatggaaag caaaatctgc cccttcacca    600
tcgccatttt cctaaagtac agtaatgatc ccgtcgtcgc ctactggct caggacatct    660
tcaaggagct gtcccagatt gaagcctgtc agggcccaat gcaaatgagg ctgattccca    720
ctctggtcag cataatgcag gccccagcag acaagattcc tgcagggctt tgtgcgacag    780
ccattgatat cctgacaaca gtagtacgaa atacaaagcc tcccccttcc cagcttctca    840
tctgccaaagc tttccctgct gtggcacagt gtacccttca cacagatgac aatgccacca    900

```

tgcagaatgg	eggagagtgc	ttgcggggcct	atgtgtcagt	gaccttgga	caagtagccc	960
agtggcatga	tgagcagggc	cacaatggac	tgtggtatgt	gatgcaagtg	gtgagccagc	1020
tcctggacccc	ccgcacctca	gagttcactg	cggcctttgt	gggccgcctt	gtttccaccc	1080
tcatctccaa	ggcagggcgg	gaactcgggg	agaatctaga	ccagattctt	cgtgccatcc	1140
tcagtaagat	gcagcaggca	gagacgctca	gtgtcatgca	gtccctgata	atggtgttcg	1200
ctcatctggt	gcacactcag	ctagaacctc	tcttggaagt	cctgtgtagc	ctcccaggac	1260
ctactggcaa	acctgctcta	gagtttgtga	tggctgagtg	gacaagccga	cagcacctgt	1320
tctatggaca	gtatgaaggc	aaagtcagct	ctgtggcact	ctgtaagctg	ctccagcatg	1380
gcataaatgc	agatgacaaa	cggctacagg	atatccgtgt	gaagggagag	gagatctaca	1440
gcatggatga	gggcatccgc	acccgctcta	agtcagccaa	aaaccagaa	cgctggacaa	1500
acattccttt	gctggtcaag	atcctaaagc	tgatcatcaa	cgagctctcc	aacgtcatgg	1560
aggctaattgc	gcctcgccag	gccactcctg	cagagtggag	tcaagatgac	tccaatgata	1620
tgtgggagga	ccaggaggag	gaagaggagg	aggaggagga	tggtttagct	ggccaacttt	1680
tatctgacat	tcttgctaca	agtaaatatg	aggaggatta	ctacaggatg	gatgaggaag	1740
atgacctga	tgccctgaag	gatcctctct	atcagattga	tctgcaggca	tatctcacag	1800
atttctctg	ccagtttget	cagcagccct	gctacataat	gttttcaggc	caccttaatg	1860
acaatgagag	gcgagttcta	cagaccatcg	gcatactaaa	aggggagcct	ttctacattt	1920
gctccttctg	ggccagccgc	aaaccatttt	gcagccctca	ctggccttga	gatgcacttt	1980
cttctcaacc	taaagtggca	tcttgacctc	tgggcccttg	gcctcggcag	tgacactgat	2040
gacaattcag	accaggtcca	ccggtgccgt	cacttaggaa	tgctggaaca	aaggacattt	2100
ctcaaagttc	ccctgaagac	atgccatctc	tagaaccttt	tttctccccg	actctacccc	2160
cacctctgtt	cctagagccc	tctgctggcg	agtcagaaaa	cattattgcc	cagaaggatt	2220
atgtgtttat	ggattatatt	gccccgcctc	aggagcgag	gaagtcacta	ccatttatat	2280
tctaaaacag	acctatctat	gttcatagga	cttctgatgt	gttcagatag	gaatcctcat	2340
gagagatcat	tatgctttgt	gccctggacc	actgctgctc	tgggtttctc	ggaggaacag	2400
gcaagagcag	cttcattcta	agcctttcca	gtgacctcag	ccttgcttct	cttctacaac	2460
actaaggctc	ctctgtcaga	ggaggtcgct	ttgtttttgc	ttcattgcat	gacataaccc	2520
ttccctcaa	gctgttctta	tatatacatg	cacacacaaa	ataagccaga	cagatggcaa	2580
tttgatcttc	ctttttttaga	aaaaaaaaa				2609

<210> 2965

<211> 2338

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2341)...(919)

<223> similar to gi4106368 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2965

acctcccgtc	cctattttcac	cgccccgata	ccatccgccc	ccaccccggg	acccgcgccc	60
cagggcgggc	ttcccatgca	tcgccccctc	cccgttccct	cctgtcccca	ccccatgtct	120
gcccaggacc	cagccctgcc	ctgtccccc	ttgtcccttg	gggcgggtcc	cagcctcttc	180
cggagctgaa	ctcgccccct	gcgcgctgcc	ccctcctctc	tccgcagtag	tcgccaggga	240
tgaccatgag	cgtgtgatgg	ggcgccagcc	ccgggcctct	ctgcgggcct	aggcttctgc	300
ccagcgcccc	tgctcagggc	gaggggctga	ggtcacacct	cgggcacctg	gactcctggc	360
caatcaaggc	ttgccagct	gggaggcccc	acacgaaaga	ctcttaccat	tttattaaaa	420
acgcaaggac	ctcagagacg	ttcttttctg	tatggacctt	tctgcccatt	tgtattttgt	480

cccagagaga	aaggctcttt	ggggggcccc	tctccccagg	acgtcagggg	gtggggccca	540
taaataaatg	gaagctggtt	ttgggttttt	gtagcttgtc	tcagattccc	tctttggcct	600
tctgccacca	cactctccac	cctgtggtct	ttgttccgtc	ccggccccca	tctagcccca	660
cctttgagaa	ctgggggag	agcgaggctc	caggttcttg	gcttctcccc	tgggaagtgt	720
gggtgaatga	ccatgggag	aggggatggg	actgaaaact	gggcgctcaa	gagtcgggga	780
agtagaggga	ggcagagtca	ggtcacaggc	cccaagaacc	ccaggtggaa	ggagggctga	840
agtggcagcg	ccctttattt	gtgggggcct	tcaaggtagg	gtcgtggggg	gcagcgggga	900
ggaagagccg	agaaactgtg	tgaccggggc	ctcaggtggt	gggcattggg	ggctcctctt	960
gcagatgccc	attggcatca	ccggtgcagc	catttgtggc	agcgggtacc	ggctccttct	1020
tgttcaacat	agggtaggtg	gcagc'cacgg	gtccaactcg	cttgaggctg	ggccttgggc	1080
gctccatttt	gtgttccagg	agcatgtggt	tctgtggcgg	gagccccacg	caggccctga	1140
ggatgtttct	gatgcagctg	cgctggcgga	aaagcgcatt	gaccaccggg	ctgccggg'cg	1200
gcactagtgg	cgcttgaag	aggaagctga	gcagggacag	cacgggggtg	aaggtctg'cg	1260
gctcggggtc	catgtcagtg	cagaagctca	cgcgctggca	cagctcggtc	agcagcgcta	1320
ggtccagcat	gatgggtg'cg	gccagcagcg	agtcctcaca	cgtgtt'gtgc	agcaccagtg	1380
tgttggttcc	gcccagcatc	agctccgagg	tatactcatc	cagcgcgcg'c	ttgctgtcac	1440
ccacgtacgg	cacatacttg	atgaccacgc	agtggtcagg	ctcttcgccc	ggcgtataga	1500
gcactggggt	gctctgcacc	atgtcgtcca	ccacgttgct	cttggacacc	tccttagagc	1560
ggaactgcaa	tggcgccgat	aggttctccc	catcgttggt	gcccagggtg	ttgtaactca	1620
cgatggacat	ggtcttgagg	ccggagccaa	tgaggaagtc	cacaagcacg	gacttgactt	1680
tggtctggcc	tgacttgaag	tcctctccgc	ccacaaaaac	ccggtgctgc	cacgcgagct	1740
caagagctcc	gggcaccagg	gtgttctg'cg	gagaccatt	gaggaaggca	cagccctcca	1800
ggatgctggc	cacggcgaa'g	agcgtggagg	gcgacacctc	cagaccgagc	tcaatggtgc	1860
gcagcaggtt	ctcggctgtg	tcgttgaggc	ctggaatcac	ctcacagaag	cgctccgtgt	1920
tcgcgcgtcca	cagcactatg	actttgtcca	gccccgcgct	agaccggaag	tctcggatgt	1980
ccctgcggat	ctgctccagc	tgctgcgcac	gcgagcctgg	gatgaggttg	tccgcgcgcg	2040
cgctctgggt	ggccgcgatg	aattcgggga	tgtaaacaga	aggccggggc	cgcagggcct	2100
ccatgtgcgg	ccacagttgc	tcctgcagcc	cccagtcag	caccttcgcg	cgccgcatcg	2160
cctcggccag	gttcagcgac	gagatgtccc	agccatcgaa	cacgaggtcg	ttgggcgcca	2220
ccatgggcag	caccgcgctg	aagggtacga	acacctcctg	gccctcggcg	tccaggccca	2280
ggctcacggg	gcccgcctga	gtcagcgaac	cgttagtagt	tggcctcctt	gcggccgc	2338

<210> 2966

<211> 2530

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (184)...(1302)

<223> similar to gi38458 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2966

tgcagcgggc	gtgagttggg	ggaggacggg	ttgccgactc	gcctacctag	cggctctcttg	60
attgtcgata	ttttgttggc	ataggtttat	gtagagacgt	atacatatat	atagacacac	120
tgtctttaaa	tctaggcctg	tatccggtgt	ccgaggcgaa	ctcagtaaga	tgatgttaag	180
aggaaacctg	aagcaagtgc	gcattgagaa	aaaccgggcc	cgcttcgcgc	ccctggagtc	240
cgcggtgggc	gagagcgagc	cggcgggcgc	ggcagccatg	gcgctcgctc	ttgccgggga	300
gccggcaccc	cccgcgcccg	cgctccaga	ggaccacccg	gacgaggaga	tggggttcac	360

tatcgacatc	aagagtttcc	tcaagccggg	cgagaagacg	tacacgcagc	gctgccgcct	420
cttcgtggga	aatctgcccc	ccgacatcac	ggaggaggac	ttcaagaggc	tcttcgaacg	480
ctatggcgag	cccagcgaa	tcttcatcaa	ccgggaccgt	ggcttcggct	tcatccgctt	540
ggaatccaga	accctggctg	aaattgcaaa	agcagagctg	gacggcacca	ttctcaagag	600
cagacctcta	cggattcgct	tcgctacaca	tggagcagcc	ttgactgtca	agaacctttc	660
tccagttgtt	tccaatgagc	tgctagagca	agcattttct	cagtttggtc	cagtagagaa	720
agctgttgtg	gttgtggatg	atcgcggtag	agctacagga	aaaggttttg	tagagtttgc	780
agcaaaacct	cctgcacgaa	aggctctgga	aagatgtggt	gatggggcat	tcttgctaac	840
aacgacccct	cgtccagtca	ttgtggaacc	catggagcag	tttgatgatg	aagatggctt	900
gccagagaag	ctgatgcaga	aaactcaaca	atatcataag	gaaagagaac	aaccaccacg	960
ttttgctcaa	cctgggacat	ttgaatttga	gtatgcatct	cgatggaagg	ctcttgatga	1020
aatggaaaag	cagcagcgtg	agcagggttg	tagaaacatc	agagaagcca	aagagaaact	1080
ggaggcagaa	atggaagcag	ctaggcatga	acaccaatta	atgctaata	ggcaagatct	1140
aatgaggcgt	caagaagaac	tcagacgctt	ggaagaactc	agaaaccaag	agttgcaaaa	1200
acggaagcaa	atacaactaa	gacatgaaga	ggagcatcgg	cggcgtgagg	aagaaatgat	1260
ccgacacaga	gaacaggagg	aactgaggcg	acagcaagag	ggctttaagc	caaactacat	1320
ggaaaattat	gtctgccatt	tcctaagggtg	ataaaagaaa	atgtggctga	agttaccgga	1380
agttcagctt	gcagtgtaat	tcagaagagt	taagaccaga	agtactggaa	tcatacttcc	1440
tttcagggtca	aaacattttg	tgggaaatat	cctgttcgtg	acctaggaga	aacaagacag	1500
aaaaaaaaat	ctttcttcat	ttatgaattt	cttactccat	acaagcagtt	tatggatgtc	1560
tgggcaatca	tagcacttgc	catttaaaaa	catgctacag	gggcacattt	tctgtggtta	1620
aaaatgatct	ccagaataag	tgtaaactgc	agttttcctt	tgcattgagg	gttttggtt	1680
tttatttgta	aattaaatca	agatgtttacc	cactccttgg	tgtggtggtc	ttgctggttc	1740
gtgttgggaa	gtagtatggc	agcaatgcac	aaattcagaa	tagccaagaa	atccctcctt	1800
ttcaacgctc	tgtgcctggg	aaccattaga	ggagttttta	aaaccatccc	tcatagccca	1860
caattttggg	tcaactctca	aaattgggaa	taagaaaact	ggcactgttg	ggagaaaaat	1920
cgttcttact	gaaacatgaa	ctggctcagg	caagcaaata	gcgggagtcg	gcacaggaag	1980
gagtgtgtgc	tgcgggggatg	cgtgggtggcg	tcaccttcaa	aactaaagtg	ttgccaggcg	2040
gacagatgag	tccttgatct	tgtttcctga	tcttgtttcc	atttgactga	attctgaacc	2100
ttcattgtct	tcacagtctt	gccacttgcc	tagtgaggct	ttccgaacc	tgggaaggaga	2160
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ccccagagga	acactcaaca	ccagatggaa	gcaggccctt	gagctggggc	tggtcagaca	2460
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<210> 2967

<211> 2105

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2106)...(1283)

<223> similar to gi5771388 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2967

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acaagtacca	gagaggggtg	aacaggcata	tctgctagct	ctcctcttgc	agtcctcagc	180
ctcccacagg	aggcacaagg	tccaaactat	tcctcaaaaa	aaaggacagc	ctctttatgc	240
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ggctgtaagg	actcgatttt	acggcttgtg	tattcctaac	tatagctagg	cctgtcacct	360
gctgttcctg	tgatctcagc	tttacctaga	agagctcctg	aaacagaatg	ggtacacgaa	420
aatctggaat	gaatagctat	ctgctcaaaa	acgattgttt	aaaaacagat	gattggggcc	480
gggcgcggtg	gctcatgcct	gtaatcccag	cactttggga	ggccgaggcg	ggcggatcac	540
gaggtgagga	gatcgagacc	atcctgggca	acatggtgaa	accccgtctc	tactaaaaat	600
acaaaaatta	gctgggcgtg	gtgatgccag	ccactcggga	ggctgaggca	ggagaatcgt	660
ttgaaccagg	gagtcagagg	ttgcagcgag	ccgagactgc	gccactgcac	tccagcctgg	720
cgacagagcg	agactccgtc	tcagaacgaa	caaagaaaca	aacaaaccag	atgactggga	780
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aagtc						2105

<210> 2968

<211> 1841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1842)

<223> n = a,t,c or g.

<220>

<221> misc_feature

<222> (1188)...(264)

<223> similar to gi2749982 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2968

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tttcttgagc	attgtgggtg	ccttatgtac	taaccggaag	ctgaacttcc	tggaagctg	180
atccaatgga	gcacttggaa	ttcaggggtg	gagtcttctt	cctgggtcag	agctggttca	240
gggtcacatg	ctcttgaggt	ccctaaaggc	cacatgtgct	gcatttcgcc	cagcagctcc	300
catcacacct	cctccaggat	gagccccact	tccacagaga	tacaggccct	ggagagggca	360
gcggtagcca	gaatgcagg	gcacggggcg	ggcgaagtag	agctgggtcca	gggacatggc	420
gcagtggaat	atgttccctc	caggaagccc	gaagattctc	tccaaatctg	gtgggtgtgag	480
gatgtctctg	ccaaccacag	agtccctgaa	gccaggggca	tagacctcga	tgcaatcaaa	540
cactgtggga	aggcaggcca	tccatggcat	cttcaaaggc	ctgatgaagg	aggagggtgt	600
cttcacagtt	caggtggatg	gagcatttgt	gatggggcag	cggctggccc	ctgggagcat	660
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ctgttcacct	gcaccttcgc	cactgtcttt	tcaagtgaaga	tgcttgctcc	atgtgtgggtg	1080
gctgagcttg	cgatcgcac	agagagggca	cccattgccc	cctggacgta	gccccaggcc	1140
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catccgactc	agatcctgga	ggtgggatct	catctcccca	gagttccagg	tgcaactatt	1260
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ctcagcctcc	aaagggtctt	caagggtcatc	ccacctctca	gccactcttc	tcttcattat	1740
gctgctgcag	tagtgcccct	cattggaccc	cctctcccac	gaattccncc	gcnctgtcct	1800
agagtcacat	gtgagggnct	catttnnccn	ncggggggcg	g		1841

<210> 2969

<211> 3395

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3398)...(630)

<223> similar to gi5911903 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2969

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cagttttcta	gggaaactgg	gtgtcagggg	aacactccta	ggctggcctc	ccatgagggg	180
gttacctcta	ggaggcgga	ggagttttat	ctggcactga	aaacttgctg	gttggttttc	240
tagatccatg	tttattttca	gttcaaagac	aaagtagaaa	acttgagagt	ggaaaatgtt	300
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gcagtagaaa	taatggaaac	tccacagaaa	cagaaataaa	ttagtttctt	tcagtcttgg	420
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agaaatcttt	ggcctatttc	accatgtctc	cagcattgca	taacagacat	ttttcaaatt	540
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tgagtgatgt	tcagaccagc	ctcctcagcc	aaatctctgg	ttgatttctt	agcatcaagc	3240
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gtcccgcgcc	gcgggcggtc	ggccgcgggg	gctgc			3395

<210> 2970
 <211> 1753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1714)...(1016)
 <223> similar to gil907152 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 2970
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ctgctggacc aacgggtgcag ttcgctccaa gaaggtgggc cagggcccgg ggaggtgcgc      180
aacacacccc tggcatgctg ggcttgccct ctggaggggtg ctgctgctcc gtggagggca      240
gcaggccccag gaagggggtt cctctgctcg cctaagttac agcacaatac tatgtggacg      300
tttcattgaa aattttactt gaaaaaataa aattccagat actcaggtga gacacaaacc      360
cactgttcct gctttgagac ctgtgaattc ttgtgggaca gttccactga cagcttgctg      420
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aagggtgccc tttgtcttgc tgggaagctg gctgagggcc tgccagggct ggaggaccag      540
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acgagggggc agaggggtcc ccaggatggg tcttttgtag gtagatttga tgcccacaac      660
gcatgcaagg ctaagacccc caacttagcc aacgaagccc atggcctcag aagggtctga      720
gcttgctcag gccgtgggccc aggatgcatg ctggacgggt ctccaaataa aaaagcccca      780
agggtttgtc tacactgctt acctgctggg gctgtgagtg gggagacggc ggctgccta      840
gggctcctgg tgccaggctc aggaagagtc attcattgca aagggccggc aagtgaacca      900
gggccacctc tgtccccagc ctgtgagagg agcagctagc cctgagaagg gcaaggatga      960
atgaggctga ccacgtcaca ggagtcctcc aagagtgcag gggattcagt catcggccac      1020
aatggagagg gcccggaact cactgagttt ggcctcgttc tcccgtccc gctgctcatc      1080
ggagtggcct ggctgggtcaa gctgatggga caggtctcca aagatcttgt gcatttccga      1140
gtagtacaca acctgagctc ggatgagggg ctggaagctg ggctggaagt agtcgagggc      1200
gctgccgtag aagcgcgcca tctcctccag cagctgcctg ttcttggctt caaagtcctc      1260
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catactccct ttcaaagtct ctctccactg ttttgggcac aatctgtttc ttgggctgcc      1680
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ccacaactcg ttt                                     1753

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<210> 2971
 <211> 1159
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1160)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (4)...(440)
 <223> similar to gi3650031 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2971

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ctccctgacc	agtcctcctg	ccctaactcc	tccctgacca	gtcctcctgc	cctaagtctc	180
ctccctgagt	ggtcctcctg	ccctaagtct	cctccctgac	cggtcctcct	gccctaagtc	240
tctccctga	ccggtcctcc	tgccctaagt	ctcctccctg	actggtcctc	ctgccctaac	300
tctccctga	ctggcctcca	tccaagcaga	gcttgagtat	tgctggttcc	ctgctcaaac	360
ccaccactgg	ttgctgggtc	cctgctcaaa	cccaccactg	gcactggctt	cccatcacat	420
acagaataaa	ggctaaatgt	ctacacttgg	cacagaaagt	catcaacagg	ccccagggca	480
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aacgagccat	tatccccctc	ggaacgctgg	cttctcagta	aacgattata	gcccagaagc	600
cctgtcatca	cagaacctag	ctattggcta	atgggtcagc	tttggttca	tttctctgaa	660
taatttat	caaaacataa	tccaaggaa	caagggttagg	aaaaggggag	ggtgacaggg	720
acagagggag	agcctgtgca	aagacgtgtt	atccagttgg	cccctgctgt	ggctggctgg	780
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gtaagtcaaa	aatactgtga	cctggaagct	ttctcctggc	tgcgagttgt	cccacgtttg	1020
cttggcggtg	cccggccttt	tccagactga	accaatgttc	atcttacatg	tggtgattga	1080
tgtctcatgt	ctccctaaaa	cgtatgacca	ccttggcaca	tgctgctcagg	acatcctgag	1140
gctgtgtcac	ggntgtgca					1159

<210> 2972
 <211> 1249
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1250)...(323)
 <223> similar to gi5531811 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2972

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caaatacttg	ggcagtatct	ttccctctta	accctttcac	acgtttttaa	agtgtcaaaa	180
ttgatgaatg	gtataaattc	aaaaggaaaa	ttcttttcta	ctgaaaagga	catccagctc	240
gcacaaacgg	tggttcagct	gaaggcaagg	cgtttctggt	tttctctgct	actcgggcgg	300
atcgtttaact	tccccaagtt	acaactgagt	tgctctttcc	aggcttttcg	aagcatcttt	360
aagtttcccc	accaagtcct	gtaattgttc	catgctgcaa	ctaaaaactaa	tctctggata	420
ggatggggaa	tcagtgttct	gtacacttaa	ggtcaccaa	tatgcaggtc	tgtacatcct	480
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aatccattct	gaatttaaac	cattgttaaa	ctttattttt	aaattatgaa	tggtaaagga	720
gcattttcaa	atcatctcaa	taaacgatct	ttaaaaacat	gagcttaact	tcaattgctt	780
gacatgcctt	ttggctcctt	ttctttgggt	caagatcccg	aagatcttgt	ttcacaccaa	840
cactctccat	tcatacctgc	aagtgaag	tgctcagct	tgacacctta	tacagtacct	900
accttcccag	taggatttct	agggaattct	tattatactg	atattccgtg	caaaacagtt	960
ctattcgctc	tctgtcaaat	ttacagtctt	ctagataagt	gcttagagtt	gacttgctcag	1020
ctcgggtgctt	tctgcctctt	agtatgtaag	ttgcagctgc	tgcatgacaa	tgttttaaaa	1080
ccactgggtc	gatatgtttc	aagtctggat	gatctaacac	ggcctcgctc	gcctgggcgt	1140
ccagcagact	ctggaatgcc	gcccggagga	gaagcgtgaa	ggcgttggag	tcgaaggagc	1200
ggggatccgc	cagcatctgg	aagcctttct	gcacagactc	cgagagctc		1249

<210> 2973

<211> 5664

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(5665)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (5665)...(3934)

<223> similar to gi1510153 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2973

tttttttttt	ttgcacagaa	aacattgctt	tattaactgc	gtttgccaac	acacgaggag	60
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tgagcaggac	aggatggggc	tggaactat	gcagcagcgg	caacacagaa	tcattgcagg	180
cacagcgggc	actggccaca	cccaggtgac	catacattct	attgctcggt	aagggttgcg	240
cacatggaca	atgtacaaaa	aggagaaata	ggtctttgcg	ttaatgaaaa	atacattttt	300
tctctacaaa	ggaatctttt	ctaatacaag	aaaataaata	ttgcaacata	agccaaaaat	360
aatttaaaat	tgctcttttc	aatatatttt	caatattttt	cttgatatatt	aacaaatggc	420
acatcacttt	ctttgaaaca	aagacagaag	gtgtctcctc	ctgtgacatt	catatcatcc	480
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caatgtggcc	agcgaggcca	aggcatggg	agagtgcctt	ccccaggggc	cttgctatag	660
aatccagat	cattttttcag	tggtttgcatt	atggacaaaag	gttggccaca	tctggcagtt	720

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ccagcctaac	agacatttgg	gttctgcagg	acacaggctc	agcaacagtc	cagtccaaaag	1560
caacagccaa	tgaagaagg	ccagaatcca	gaggccaaca	atgtgagcag	aggctcttgg	1620
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tctagtgggc	ttcaaggctc	ctcctcgctt	ggggcagagc	aggcactttg	gctggacacc	5580
cagggcacac	gtccgggcaca	gccagctgcc	cgtgggcacc	ttgaggatcc	cgtagcatgc	5640
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<210> 2974

<211> 1336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (75)...(1109)

<223> similar to gi3170538 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2974

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ccgtcactgg	gaagctgcta	gtcaagcccc	ggctgctgga	agacctggag	gagcagctgt	180
actgctcagc	ctttgaggag	gcagccctga	cccgcaggat	ctgtaatcct	acttctgtct	240
ggctgccttt	agacatggag	ctgctacaca	gacaggtcct	ggctctgcag	acacagaggg	300
tctgtctggg	tatgtggctt	cgtagggtct	gggatacctg	ggtttcccca	aggagagtag	360
cccctggttc	cagggtgctt	ctgacagcct	cccatacctg	cacagagaag	aggcggaagg	420
cttcagcctg	gcaacggaac	ctgggctacc	ccctggctat	gctgtgcttg	ctgggtgctga	480
egggcctgtc	tgtgtcatt	gtggccatcc	acatcctgga	gctgctcatc	gatgaggctg	540
ccatgccccg	aggcatgcag	gtaccaggt	gccctccac	catatccttt	ggggaggggc	600
taagaacagc	tggggagagg	aggcagaagc	tgaggacagt	gggaaggctg	ggtgccgggt	660

agtgtgatg	gtggggaatg	ctcacagtga	tactgcccc	ctcctcaggg	tacctcctta	720
ggccaggtct	ccttctccaa	gctgggctcc	tttgggtgcc	tcattcaggt	tgtactcatc	780
ttttacctaa	tgggtgctct	agttgtgggc	ttctatagct	ctccactctt	ccggagcctg	840
cggcccagat	ggcacgacac	tgccatgacg	cagataattg	ggaactgtgt	ctgtctcctg	900
gtcctaagct	cagcacttcc	tgtcttctct	cgaacctctg	ggctcactcg	ctttgacctg	960
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gcagcctttg	caggcctcac	cacactctgt	ctgggtgaaga	ccttcactgc	agctgtgcgg	1080
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ctttgtgggt	aacgtacctc	atccacacat	tctgtggctt	ggctgcctgg	tccctaacgg	1260
actggacctt	tgacttgctt	ttgactgccc	atctcctctt	ctccagggct	ggacagactg	1320
ccgtgcccc	tctccg					1336

<210> 2975

<211> 1512

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (249)...(1167)

<223> similar to gi3043548 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2975						
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taggtctctg	gttctgtgct	ggtaatgaaa	acacaagtga	ggacaaatct	gcacctaaagg	180
ctaaagccaa	aaagtcacat	gagtcgaagag	gcataatatcc	gtacatgggc	cctggggcag	240
gaatgggggc	atgggatgga	gccatgatct	ggtcggaaac	taagtttgca	catcaaagtg	300
aggccagctt	cccagttgaa	gatgagtcca	gaaaacaaac	caggactggg	gaaaaaac	360
ggccttggtc	ttgccgctgt	aaacacgaag	ctaatatgga	tccacgagat	cttgaaaaac	420
tcatttgcat	gattgagatg	actgaagatc	cttctgttca	tgaaatagcc	aataatgctt	480
tatataacag	tgctgattat	tcttattctc	atgaagtgtg	tcgtaatgta	ggtggaattt	540
cagttattga	aagcttgctc	aataatccct	accccagtg	taggcagaag	gctttaaatg	600
cactgaataa	tatctcagtg	ggctgctgaa	aacctatgga	aggttaaaac	ttacttaaac	660
caagtatgtg	aagacactgt	cacctatccc	ttgaattcaa	atgtgcagtt	ggctggacta	720
aggttgataa	ggcatctgac	tattaccagt	gaatatcagc	atatggttac	aaattatatt	780
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aatgctcttt	cactatttga	aaatataaat	taccatttta	aaagaagagc	aaaagcattt	1020
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atgttaccta	tgatggtcta	tagctggaac	catttaattg	aacaccaa	gaattcaagc	1320
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cttcatgagc	agaaactgaa	tggattcttc	ataagtaagg	taatctttgg	tcctttgtgt	1440
ggacttatgt	ttatacattt	aagactattt	ttatgtcatc	aataaagttg	tgtgttttaa	1500

<210> 2976

<211> 1318

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1321)...(0)

<223> similar to gi4098124 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 2976
tttttttttt ttgtttgcag cacaatttat tatctggcca tagtatttgg gtacattatc      60
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taaaatgtgc gacagaatta aatatcaagc tttgtcatct aaaatcgtat aaatataaaa      180
tatcagtcac ttctggaaac atcttaagaa aatccggcaa ccacatgtcc attgagtagg      240
tgtctgatgt tgacgggtgct tacattcagg acatatcacc tcagatccaa cacaattatt      300
tttattgtct ttaccaaca catgtttgca ttatactgaa cagcctgggc tccttggtgt      360
gtggatgaaa gccctttttt ttacaagcag aaacctcaag catgccagca ttggtgagcc      420
tgaagatgcc agtgtcttta tgctttggtg agcaaacaat ggcaatggcc tctggcaaca      480
tgagttgata ggaacagtga gtgtgaagat caacgctgga taaaaatgca gtttgagtgg      540
gatgtgtatg gatccatcct agagtgagga gatcatgttg atcctgaaca ttgaataatt      600
cctctacatt ctccatgtca caatagtctg gtcccgcaga ctgctttggc acaattacat      660
gggtaaatgt aaattcatta tgtgtcagtt ttccacagag tattccacag gtttctattc      720
ctctcactgt attagattct gccagttgca gaaatttggt gcaaagatct tctggcaaaa      780
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ggttgatctg caaatacatt cagcaaggaa ttgttctggt gtgtggaaaa gcaggacaaa      960
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gctaactctt gcttcttgag ttgatcttcg aaaaacagaa actgctccga ttctagctgc     1080
tgctggcgca tctgagcaat ccgcttcctt tctgcctcta tcaatctctg atgctccaat     1140
tttttgagaa tttagctttt atatttgttt tctctttgca aatattcttg gtattctacg     1200
ttatatttct ttaaaaggtc gtttttcaat tcactgtgcc ttgggaatgc aatctccttc     1260
agtttcttca taatatcctg cttttcaggt actgcacatt gctggtaatc ctcgtgcc      1318
```

<210> 2977

<211> 3593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2183)

<223> similar to gi5759129 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 2977
atgagcctct ccatgagaga tccggtcatt cctgggacaa gcatggccta ccatccgttc 60
ctacctcacc gggcgccgga cttegccatg agcgcggtgc tgggtcacca gccgcccgttc 120
ttccccgcgc tgacgctgcc tcccaacggc gggcgggcgc tctcgctgcc gggcgccctg 180
gccaagccga tcatggatca attggtgggg gggcgcgaga ccggcatccc gttctcctcc 240
ctggggcccc aggcgcctct gaggcctttg aagaccatgg agcccgaaga agaggtggag 300
gacgacccca aggtgcacct ggaggctaaa gaactttggg atcagtttca caagcggggc 360
accgagatgg tcattaccaa gtcgggaagg cgaatgtttc ctccatttaa agtgagatgt 420
tctgggctgg ataaaaaagc caatacatt ttattgatgg acattatagc tgctgatgac 480
tgtcgttata aatttcacaa ttctcggtgg atggtggctg gtaaggccga ccccgaaatg 540
ccaaagagga tgtacattca cccggacagc cccgctactg gggaacagtg gatgtccaaa 600
gtcgtcactt tccacaaact gaaactcacc aacaacattt cagacaaaca tggattttact 660
atattgaact ccatgcacaa ataccagccc cggttccaca ttgtaagagc caatgacatc 720
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<210> 2978

<211> 3031

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3032)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (239)...(407)

<223> similar to gi3878119 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 2979

<211> 5268

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (409)...(289)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2979

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<211> 5654

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1110)

<223> similar to gi4589530 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 2981

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(353)

<223> similar to gil619936 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2981

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aagcttatat	agaaaaagac	ccagaatagc	taacacagta	ttaaaagagg	aacaaagctg	180
gaggactgat	accactcagt	ttgaagtttt	gctataaagc	tacagtaatc	aagacaatgt	240
catattgggtg	aaagaacaga	catatgggtc	agtggaaacag	agaaccacga	aatagaccca	300
cacaaataca	atcaactgat	ttttaacaaa	ggggcaaagg	taattcagta	gag	353

<210> 2982

<211> 1956

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(519)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 2982
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agtggctggg attacaggcg cccaccacta tgcccagcta attttttgta tttttagtac      180
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ccgtatttac aaaaaaaaaa aaaagggggg cccgtttaaa agaacccttg gggggcccaa     1740
atttaacgcg ggctggcaag gaaaaatttt tctccttaag gggggccgta taaaaacctg     1800
ggcccggccc gtgttttaac aacgccgaaa ggggaaaatc tcttacctgg gaattttgga     1860
aaagaacctt tattttgggg ggggaacata gtggcccaac ctccctccaa aaattaaagg     1920
ctttagggaa aaaaaaaatt ttaagggggt ataggg      1956
```

<210> 2983

<211> 3390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(3214)

<223> similar to gi5533377 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2983

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gtcagctgat	gtgcggaagt	caaagactat	cccacgacgt	gggaaaagta	ctgtgtgttt	180
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<210> 2984

<211> 1079

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1080)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (464)...(642)

<223> similar to gil890050 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ggagtccct	gtcaggagtc	ctgccctcag	atttgagagt	gcagaacccc	gccagccccc	360
caacttgc	gcaaaccctg	gcatgtgtgc	ctctttcctg	agggatcgtc	cataaatatc	420
accagattat	ctaaagggtg	ggaaaggatc	catgaaccaa	aatagggcaa	gagccactgg	480
tcaagatgct	tcccctctgc	aattgcacaa	gtggagtgga	ttgtgtgggt	agatgaggaa	540
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ctggtcaacc	tttgtgagaa	gccgtatccg	cttcacaggt	aactaatgca	gcggtgacgc	660
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ccagaagcca	cgttctcagt	gacagctgct	ggcggggcct	gtcataactg	cctgcctgcc	840
gcatgtgggt	ttgcgtttgt	ctgcctttct	tcagagttga	cgcggttcac	caagttctcc	900
ttcctgtctc	tcgcaggata	aaattgtcca	tggaccacgt	gtgccttggt	cactactgaa	960
gagctggctc	ctggaagctt	ttccaaagtg	tgagcgcccc	caaccgactg	tgtgctgatc	1020
aagagactgg	agaagggtgga	antgaagaag	tctccgctgg	ctcngggccc	tcctggggga	1079

<210> 2985

<211> 985
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (1) ... (986)
 <223> n = a,t,c or g

<220>
 <221> misc feature
 <222> (985) ... (377)
 <223> similar to gi3776056 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2985

tttttttttt	ttgcatattt	accacatgtc	atgtatttct	gaacaaaggg	aaagagatac	60
aaattcctac	cattaaactg	gcttggttgt	tgtttgggtt	ggagtagcct	gtgggggctt	120
tggggaaggg	tgctgtttct	ttctagtagt	ctcatgtcgc	tttaggtcag	ctgggctggc	180
ttacacgcgc	tgtgctgtct	tcattggagt	gggagctctg	tgtgtcagca	caggaagtgg	240
tctcccagcg	ttcagcctga	agcagcccaa	gtcctgtagg	tgcttgcccg	tctctaaacc	300
ccccagaaac	atcagtgcga	gaaggaagag	actgctggca	aagatgactc	ccaaggctgt	360
tctccgctct	ggtgggacaa	cctgggtgct	ggccccaagg	ggctcctcca	gagagatgtg	420
tgtgacctgg	caggtgtaag	tggcacctgc	agagccaggt	tctgcggtga	gagaggagga	480
gatgctgtag	gtgcttgcca	cgctttgcct	gaggctggag	aaggaggcac	cagagacttg	540
ggctggggat	ccacccagct	cctctcgggt	ccacgtcacc	accacatcca	gagggttaata	600
gccagcaatg	tcgcagatga	gggtgggcag	cagagcttcg	tttgccaagc	tcagtcgtac	660
tttaggggaa	gcttggttgt	tgagctggat	gatctgctga	gctcggtaga	gagagggtgt	720
gatctggcaa	atgtagggtc	cctcgtcctg	tatagttagg	ccgggcaggg	tgaggggaggc	780
atccctggcc	atgcccagtt	gtgcaggctc	cagggttagcg	cccttccgca	cagcctgccc	840
ctgccctgcg	gtccagctgt	acaccaactg	acccctgccc	ttgtgctgca	gtcgccactc	900
cacactgatg	aggtccaagc	ccggtgccat	gggaattcca	cctcactgcc	tagggctctt	960
gatagggttt	cgaanggccg	ggccc				985

<210> 2986
 <211> 1719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (1721) ... (1100)
 <223> similar to gi1754969 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2986

tttttttttt	ttcagacacg	cacttgtggt	ttattacaca	cagtgatctc	catctacacg	60
------------	------------	------------	------------	------------	------------	----

gaaatggaag	gcaagcagcc	aggatggagc	tggttgctgg	gaacacttgc	tggagggtgga	120
aaagcctctc	gtcagagccg	tgggtggggtc	ttggtggcag	gccccctgct	caggcccagc	180
tgggaaccag	ccctgagctt	tgctttgctt	gcacagccca	cctagagagc	catttttggc	240
cagagttctg	ggtagggagac	ttggggccag	tgagacccag	actctgagtg	ggaggcctgc	300
ctccctgggc	caggccatgt	cctatcttgt	cctctcttgg	gtgataatgg	aaacagagac	360
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tgggtccaca	tcacagcgat	cacagagctc	agccactact	cctggccaga	ggacatgtgc	480
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ggatttccac	tactgtctcc	ccgggcccag	ccgcaagtgc	tgggcgagtc	ttgtccgggg	600
gccaaagtctt	gtccaaactgc	agaggcagct	ggttgtgggt	gagtttggag	gctgatgagg	660
ccaggagcaa	cagcagccgc	tgttccaccc	ctgggtcttc	ttggataggg	tgtgtcccag	720
ggactccaga	gttttgccgg	ggcaggttct	tacagggcag	taccacagct	gagagtctct	780
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gcttctacct	tcctctcctt	cctgggaaag	cccaggccca	agggtgcccc	tcaggtacac	900
atctccctgg	tctggcctgt	ccactttccg	gcagcttcac	atgccgggtg	ctttgggggt	960
gggtgggcat	actcttgaat	gttaaaaggc	cacaggtagc	gcattccatg	aaaaaagatc	1020
aatatattac	tgttttgttt	ttacaaaaat	taaaaatgtc	cacacggatc	tgtacagggtg	1080
tgagctgggc	ctgtgggtca	cttatgccag	cagccaggca	caggcagccc	gtcggggccc	1140
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ttccggcccg	ggacccctcg	ttctcccttc	tctccacgct	cgctccgata	acctttctct	1260
cctcggggtc	cagggaaacc	atctagtctt	ggctccccgg	gtcggccctt	ctctcctttg	1320
gttctctggc	gcccaataag	gcccgggtgg	ccaactggcc	caggcaggcc	gctggggcct	1380
ctctcaccgc	acgcaccctt	ctctcccttt	gtccatcca	agcccttggg	accctggatt	1440
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agctgagcca	ggctctcctg	taggctgtca	gacgcgact	cccccttctc	ccccttgagg	1560
ccgtcagcgc	ccgggaggcc	ggacaagccc	atctcgcttg	cttccccctt	gagtctctgt	1620
ggcccaggct	ctcctgggtc	tctttctgtt	cctttggggc	ccttctctcc	atcgattcct	1680
ggggcaccgg	gcaatccaag	ctcgccccgg	acgcgtggg			1719

<210> 2987

<211> 1619

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1345)...(223)

<223> similar to gi5420387 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2987

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agggtccgac	acgaaaggtc	caggccctcc	tggggcgcca	caggagcccg	atccttaaaa	120
gcaaacccta	caaataaata	agcggggctg	ggggcggggg	tctctgcagt	ccagggccta	180
cggccaacg	gcagtcaggt	cgaatcaatt	caccagcagc	gaatgtctct	ccgaggggtc	240
ccttcgcgag	cagcagagaa	ggctgcaggc	cgagccgctc	ccgcggcgga	acttgccgga	300
ggtggggctg	tcttggcact	gtgcgatgta	ggcctgcagc	tcgtctctct	ctgcgcctgc	360
gccgcgggga	tgcttgatgg	tgctgtaggc	gccggtgatg	agcgcgatga	agaggctgag	420
caccatgtag	atgaagaggc	tgatgaagga	gtaaaggtag	agctgggaga	agagccacac	480
caggctgctg	cggccctgct	ggcgccctgca	tggcggcgaa	cgtcacaaac	atgtcgtccc	540

cattgatgag	cgagaacagg	cactcagaca	ccatggagag	tgagcggaac	ttcacatgat	600
agggcccccag	cacgatccag	ccacagaagc	agtagcccag	gtagatgaca	gccacgcagc	660
agcagaagcg	catgacgctg	ggcagggcca	cccgcagtgt	ggcgatgagg	atattgtagt	720
tgtggaagaa	ggtcaggtag	cggatcacgc	ccaccacac	cagcagcgtc	gaggtgcccc	780
ggaggatgct	gcagacgtcg	tagctcgcca	agttcttgcc	ctcgatgccg	atcttcatga	840
tgggtccccga	gatggtgagc	acatcgctgg	tgacgagcag	gatgtaccag	ccattgacaa	900
attccagccg	ctcccacagg	ctgatgaccc	gtccccgctg	ccgccacatg	aacccccaaa	960
actcgttttg	cagcaggaag	cctcgaagga	gtgagcgggc	gcagaggagg	aaggacaggg	1020
agcaggtag	gatgaccacc	acgtcaaaca	ggagccggaa	gctgttgtct	ccgtgctgga	1080
agacactggg	gtgcttacac	tcctggatgt	gggcctgggt	ctccaggctg	atggggatcc	1140
gcccactgtg	tgtttgttg	tcaaactgta	tcaggacgct	gaaggatatag	cagtccggga	1200
tctcattatt	gatgaggctc	tggagggttaa	tgggtcttcag	ccggaagtgg	atgggtgacat	1260
tgaccagctt	gtggaatttg	agcgtgaggt	tcttgtaact	ggagctgctt	tccaagaggg	1320
tgagatcgtc	gctggggggc	ggaggggggc	gctcgggggg	atccaccctg	gatgcagtca	1380
gtaaccacca	tcggatcaat	gtcaaagtgt	tcgttggccg	ggtccacgtg	gcctcgggtg	1440
tagtaccgct	ggcagagagc	aagccctgag	ccattgggtcc	aagggtcacc	cccaccacgg	1500
acatacgcat	accggcccag	tgacacgtca	ggcaacgcc	ggtactggtc	cacagcatgg	1560
aagatggcct	ggtacagctg	ctcccgctg	taggctgcga	aggtgtcatc	cgctccgctc	1619

<210> 2988

<211> 2193

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2196)...(872)

<223> similar to gil835750 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2988

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aattcgaact	tgaaattagc	aaagtttctt	tcacttctta	cacataaaaa	ccttaaattt	120
taactgtaat	aaagtgtgaa	tcctttaata	acctgggttt	ttaaaagggg	gccaccaat	180
gggggtaatg	gaaaaggggg	atgttaatgt	actaggcttc	cctggaaaat	attttaaaca	240
tttttcatac	aatactaggg	aaaacttccc	cttcttccac	gtttaggctt	aatagaacaa	300
atcacatgga	aagtttcata	gtgggttctt	ttatttataa	aataatcaca	ttcaagtctt	360
accagagagt	agcaaagtct	tcaattcctt	tcctttcctt	tgaagaaata	atgtagagca	420
atcactcata	aatccctcta	attataaata	aaatccaaga	tattatttga	caatgagatg	480
ctttatttaa	acttgataca	tttactatat	aagaattctg	tgaaaaaatg	gggtatgaaa	540
ttattttgga	tctgaatctt	tgcattataa	aatctaacc	aaaactatgt	catttcaactg	600
tattctgtga	ctatttagcag	atggatgacc	aaaggcaact	acttcctttc	ctggcaaaac	660
aagacaagtt	tcagctgact	tcccacatgg	gttacaagtt	ctcctagtga	agtaaaaagt	720
cccaaccctt	ctttctatgc	atgtcatctc	caggaaggta	agctttggga	agcacctgcg	780
ccagccctat	atctgtgctt	ggcatgaggt	tcacacaggt	tcggccttga	gatggggatg	840
ttcctctcaa	ccaaacaact	ctacttgaat	tattccgaga	ctccttggag	gggtgaaact	900
tcaggcctgg	gtgtctctgc	agtgagatgt	ctgtggttgg	ttaacagttc	tgtagagtct	960
tgttctactg	atctttcttc	taggtctgac	tctgggattg	tagtacaacc	acctggcatg	1020
accatggtct	ggtgggggct	gctgcacg	tacttaggca	gagacggcca	cctttggata	1080
atctatcgca	gagcaaggtg	atatgtttct	tcagttgggc	tcgtgtcatt	ggggatgtgc	1140

agcctgcctg	gtggggtcaa	agcctgctgc	ttagcactct	tacgacagca	agtctttcac	1200
atgggtggaaa	atggcgccat	ccaccgtttc	ttcccagccc	aattcttgag	tgtctttctg	1260
tagcggcaga	aatgccgctt	ccagaatagc	aacctgggtca	gcactaagct	tctgccacag	1320
cgcgatcagc	agaatcacca	aatgggtggc	actcttcagc	ctgggtgaatg	actggaacag	1380
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cccacccctaa	caaggtgtcc	caggtgttga	agaggggcag	gagttttatc	tttgaatctt	1500
gctagtagcc	ggcgttgaat	ggcccgaat	tgtacagctc	tctcagataa	gagttcttct	1560
aatttttcac	catttatccg	tagctcaaaa	tggtatggatc	caatcaactc	caaaatatct	1620
cttgaaagg	gtaatagatc	cccgaaaaag	aacatgcaaa	atctttgact	ccctgttttt	1680
caaaatattc	ttgaaggcga	agaataagct	cattgggttaa	tgaagcccaa	agatccttca	1740
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attccgagca	cctccctaag	aagtgaaaac	ccattacatt	cacctgatca	tcatctgact	1860
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aggtgaactg	atcacaagtc	aattctaatt	gtggttgac	gtagactgat	aatttggctt	2100
tttgcaatat	cactctgttc	tgcatgttga	ccttcaccgt	gacagaagg	acaaggtcag	2160
ttcccacctc	aacatcggtc	gcttgagaaa	ctg			2193

<210> 2989

<211> 2517

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(904)

<223> similar to gil840045 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2989

ctgaacggga	actattttggt	tctgtttggtg	tcatttgggtg	tcattcttcc	tttgtcgtctg	60
tttagaaatt	taggatattt	gggatgtacc	agtggccttt	ccttgtttgtg	tatgggtgttc	120
tttctgattg	tggtcatttg	caagaaatct	caggttccgt	gtcctgtgga	agctgctttg	180
ataattaacg	aaacaataaa	caccacctta	acacagccaa	cagctcttgt	acctgctttg	240
tcacataacg	tgactgaaaa	tgactcttgc	agacctcact	attttatttt	caactcacag	300
actgtctatg	ctgtgccaat	tctgatcttt	tcatttgtct	gtcatcctgc	tgttcttccc	360
atctatgaag	aactgaaaga	ccgcagccgt	agaagaatga	tgaatgtgtc	caagatttca	420
ttttttgcta	tgtttctcat	gtatctgctt	gccgccctct	ttggatacct	aacattttac	480
gaacatgttg	agtcagaatt	gcttcatacc	tactcttcta	tcttgggaac	tgatattctt	540
cttctcattg	tccgtctggc	tgtgttaatt	gctgtgaccc	tgacagtacc	agtagttatt	600
ttcccaatcc	ggagttctgt	aactcacttg	ttgtgtgcat	caaaagattt	cagttgggtg	660
cgctcatagtc	tcattacagt	gtctatcttg	gcatttacca	atttacttgt	catctttgtc	720
ccaactatta	gggatattct	tggtttttatt	gggtgcactg	cagcttctat	gttgattttt	780
attcttccct	ctgccttcta	tatcaagttg	gtgaagaaag	aacctatgaa	atctgtacaa	840
aagattgggg	ctttgtttct	cctgttaagt	gggtgactgg	tgatgaccgg	aagcatgggc	900
cttgattgtt	ttgggattgg	ggtacacaat	gcacctggag	gtgggccatt	aattggcacc	960
actcaaactc	aaactcagtc	catctgatgc	cagtgttgag	taaactcaac	tactatgaaa	1020
tttcacctaa	tgttttcagt	ttcacttctt	tttgaagtgc	agatttctcg	ctggttcttc	1080
tgagtgcaga	ataagtgaac	tattttgttt	tgttttgttt	ttttaagaaa	cttatctgta	1140

tgtagaaat	gggatatgaa	caacaaagcc	acgagtctcg	ggtaagggga	agtgacaatt	1200
ttattccatt	ccagagaatg	gacaaactct	taacttttat	caagccacat	gcttggctgt	1260
gtcattggtt	aacttggata	ttttatgatt	ttacttgaat	gtgcctaata	gaaccatttg	1320
atgtgagaaa	caattctttt	taattttacag	caaaatattg	aataaccatt	gacaaaaaca	1380
ctattatttt	ttgtaccaa	aatacttaaa	gacctcagaa	gcactctttt	acttttaaga	1440
aattgctttt	ttgaacttta	ttcagaagca	ggtatcaata	aattccataa	aataatgtca	1500
ttggtattta	aaaatgaata	ttaatataat	gaaatgggtt	gcctttttgt	aggcataata	1560
agccaaatac	ttttttaccc	aaaataattt	ttagagaaaa	tgatgtaatg	aaaaattgta	1620
ccatgaatta	ggagcatagt	tttttccatt	taaacgtcac	cattacttaa	aagatgattg	1680
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taatccacag	gttacaccta	tgthttgatat	gatataagtt	ctctttgcgt	aggccactgg	2160
gtttctctatg	cagtaagctt	tataaaaact	catttgcact	ggactgtcat	ctcattcttg	2220
tacaacgtag	aattacttgt	ttacatccaa	caaatgggtta	gctagggaaa	acagtgcata	2280
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agtgtatggt	gaatatatta	ttaaataatg	tggtacttct	ctcatcaggc	ataatgtcta	2460
aaatctaata	tacataattc	cattccttcc	tggttgccac	agtatcttct	cccatatc	2517

<210> 2990

<211> 2432

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(2320)-

<223> similar to gi4589628 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2990

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aaactggacc	ctctgaagct	ccagcaactc	cagaaccaa	tccgactgga	gcaggaggcc	180
ggcgctcggc	agcctccgcc	agccccgcgc	agcgcgccgc	cctcgccccc	cttcccgcgc	240
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gcgctggcct	cccgcctcgc	ccccgccatg	cagtcctccg	gctccttcaa	ctacgcgcgc	360
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tccagcccca	gctcgtccag	cctcccgtcg	cccatgtccc	cgacgcgcag	gcagttcggc	480
cgcgcccccg	tgcgcgccct	cgcgcagccc	ttcggcgtcg	agccccaggc	cccgtggggc	540
tcctcctcgc	cgtcgcccc	gccccgcga	cccccggtct	tcagccccac	ggctgccttc	600
ccggtgcccc	acgtgttccc	actgcgcgcg	ccaccaccgc	cgctcccgag	cccgggacag	660
gcgtcccact	gctcgtcgc	tgccaccgcg	ttcgccacg	gccagacgcc	cgcgcccttc	720
ctcagcgctc	tgtgcctc	gcagccgcgc	cggcgccgcg	tcaacgcctt	ggggctgccc	780
aagggtgtca	ccccgcgagg	atttccaaag	aaggccagta	gaactgctag	aatagcctcc	840

gatgaggaaa	ttcaaggcac	aaaggatgct	gttattcaag	acctggaacg	aaaacttcgc	900
ttcaaggagg	acctcctgaa	caatggccag	ccgagggtta	catacgaaga	aagaatggct	960
cgtcgactgc	taggtgctga	cagtgcact	gtctttaata	ttcaggagcc	agaagaggaa	1020
acagctaatc	aggaatacaa	agtctccagc	tgtgaacaga	gactcatcag	tgaaatagag	1080
tacaggctag	aaaggtctcc	tgtggatgaa	tcagggtgatg	aagttcagta	tggagatgtg	1140
cctgtggaaa	atggaatggc	accattcttt	gagatgaagc	tgaaacatta	caagatcttt	1200
gagggaatgc	cagtaacttt	cacatgtaga	gttgctggaa	atccaaagcc	aaagatctat	1260
tggtttaaa	atgggaagca	gatctctcca	aagagtgate	actacaccat	tcaaagagat	1320
ctcgatggga	cctgctccct	ccataccaca	gcctccacc	ctagatgatg	atgggaatta	1380
tacaattatg	gctgcaaacc	ctcagggccg	catcagttgt	actggacggc	taatggtaca	1440
ggctgtcaac	caaagaggtc	gaagtccccg	gtctccctca	ggccatcctc	atgtcagaag	1500
gcctcgttct	agatcaaggg	acagtggaga	cgaaaatgaa	ccaatttagg	agcgattctt	1560
tcagacctca	cttcttgcat	gctcctggag	atctgactgg	ttcaagaagg	aaaactctgc	1620
agaatggact	gcaaagtcag	tgggttacca	accccagatc	taagctggca	actagatgga	1680
aagcccgtac	gccctgacag	tgtctacaag	atgctggtgc	gtgagaacgg	ggtgcactct	1740
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<210> 2991

<211> 7131

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3186)...(7134)

<223> similar to gill196429 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2991

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<210> 2992
 <211> 1455
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1456)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1081)...(195)
 <223> similar to gil79594 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 2993
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 <212> DNA
 <213> Homo sapiens

<220>
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<222> (3880)...(1696)

<223> similar to gi961444 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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tgggaggaac	attaggggct	gggtcgggcg	ggcccaagca	gagtagctcc	tcgtccagcc	2700
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gtggagtagg	tgctggggcc	aacacggagg	acaaactgtt	ggctcgtgtc	agctccgcaa	2880
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ttggtggctt	tattgagcca	ggactccagg	ctttcccacg	aaatagtcga	cc	3892

<210> 2994

<211> 283

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (281)...(30)

<223> similar to gi854422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2994

ggagccaccg	cgccccccgc	caaatttaga	ctttttgagc	tctgtgcgtt	gtgcctttca	60
acacttttca	caatggattt	tctgcttctt	gataaggaag	gcacccttga	tcctgtcatg	120
gattcattta	gcacacattg	gaccacgata	ggccctgctg	acatgttttt	ttcattgtag	180
acagcattat	aagaacttta	aatctcacgg	cacaaacccc	tcgaagtctg	tctgggcaca	240
tgccacatgc	caatcttggt	cctttcccaa	ccttcttggt	tgg		283

<210> 2995

<211> 1642

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(1274)

<223> similar to gi5640019 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2995

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cgcgggccgcg tgcacataaa tgtgaggaat gtggtaaggg cttcactcag gctgcacatt 60
ttcacatcca tcagagagtc cactactggag agaaacccta caagtgtgat gtgtgtggta 120
agggcttcag ccacaattca ccattaatat gccatcggag agtccacaca ggagagaagc 180
catacaagtg tgaggcgtgt gggaaaggct ttaccgtaaa tacagatctg catattcatt 240
tcagagttca cacgggagag aaaccctata aatgtaagga gtgtggtaag ggcttcagtc 300
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aaacgtgtgg gaagggttc agtcagtcct caaagcttca aaccatcag cgagtccaca 420
ctggagagaa accatataga tgtgatgtgt gtggtaagga cttcagttat agttcaaate 480
ttaactaca ccaagtaatt cactactggag aaaaaccata taaatgtgag gaatgtggga 540
agggcttcag ttggagatca aatcttcag cactacaaag agttcactca ggagaaaaac 600
cctataaatg tgagcagtg gataagagct tcagtcaggc catagatttt cgggtacatc 660
agagagttca tactggagag aagccatata aatgtggtgt ctgtggtaag ggcttcagtc 720
agtcctctgg tcttcaatcc catcagagag tccacacggg ggaaaagcca taaaaatgtg 780
atgtgtgtgg aaagggtctt agatacagtt cacagtttat ataccatcag agaggccaca 840
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cttcgccatc atcagagggg ccacacggga gagaaacccc atatatgtga ggagtgtggt 960
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gttttttggc cagggagagt tttgggttat tatccctttt ctttaatttt cattttatac 1560
ttacagtgat cattattttc ataaaagctg taaagctatg aaaaatgaat aaaattacta 1620
aaaattttct gtaaaaaaaaa aa 1642
```

<210> 2996

<211> 1759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (404)...(1702)

<223> similar to gi5917666 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2996

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gacccgcctt gcggaattcg gcacgagggg cccctgtgcc caggctccgt gcgagcagca 60
gtgtgagccc ggtggggccac aaggctacag ctgccactgt cgcctggggt tccggccagc 120
ggaggatgat ccgcaccgct gtgtggacac agatgagtg cagattgccg gtgtgtgcca 180
gcagatgtgt gtcaactacg ttggtggcct cgagtgttat tgtagcgagg gacatgagct 240
ggaggctgat ggcacagct gcagccctgc aggggccatg ggtgccagg cttcccagga 300
```

cctcggagat	gagttgctgg	atgacgggga	ggatgaggaa	gatgaagacg	aggcctggaa	360
ggccttcaac	ggtggctgga	cggagatgcc	tgggatcctg	tggatggagc	ctacgcagcc	420
gcctgacttt	gccctggcct	atagaccgag	cttcccagag	gacagagagc	cacagatacc	480
ctacccggag	cccacctggc	cacccccgct	cagtgcctcc	agggtccctt	accactcctc	540
agtgtctctc	gtcaccgggc	ctgtgggtgg	ctctgccacg	catcccacac	tgccttctgc	600
ccaccagcct	cctgtgatcc	ctgccacaca	cccagctttg	tcccgtgacc	accagatccc	660
cgtgatcgca	gccaaactatc	cagatctgcc	ttctgcctac	caaccgcgta	ttctctctgt	720
ctctcattca	gcacagcctc	ctgcccacca	gccccctatg	atctcaacca	aatatccgga	780
gctcttccct	gccaccagct	cccccatggt	tccagacacc	cgggtcgctg	gcaccagac	840
caccactcat	ttgcctggaa	tcccacctaa	ccatgcccct	ctggtcacca	ccctcgggtg	900
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tcagagcccc	actaaccaga	cctcacccat	cagccctaca	catccccatt	ccaaagcccc	1140
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tgaccggtgg	ctgctgggtg	cactcctggg	gccaacgtgt	gtctttttgg	tgggtcctgt	1320
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actagacttg	gctctcagga	actctgcttc	ctggcccagc	gctcgtgacc	aaggatacac	1680
caaagccctt	aagacctcag	ggggcggggtg	ctgggggtctt	ctccaataaa	tgggggtgtca	1740
accttaccca	aaaaaaaaa					1759

<210> 2997

<211> 2492

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(1689)

<223> similar to gil430783 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2997

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aagaagcgca	aagtggacat	gcccatact	gtgtcctacg	ccatctcagg	gcagccgggtg	180
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ttactgacag	tagacagtgc	ccacctgtac	agtgccactg	ggaccattac	tagccctaca	300
ggagaaacct	ggaccatccc	tgtttattct	gccagcccc	ggggggaccc	tcagcagcag	360
agcattaccc	acattgccat	tcccaggaa	gcctacaacg	cagttcacgt	cagtggctca	420
cccacagccc	tggcagctgt	taagctggag	gatgacaagg	agaagatggt	gggcaccaca	480
tctgtagtga	aaaactccca	tgaagaggta	gtgcagaccc	ttgcaaactc	tctctttcca	540
gcacagttca	tgaatggcaa	catccacatt	ccagtggctg	tgcaggctgt	ggcaggcacg	600
taccagaata	cggctcaaac	tgtccatata	tgggaccccc	aacagcagcc	gcagcagcaa	660
actccccagg	aacagacacc	accaccacag	cagcagcagc	agcaactcca	agttacttgt	720

tcagctcaaa	ctgtccaggt	tgtctgaagtt	gaaccacagt	cacagccaca	gccttcccc	780
gaacttctgc	ttccaaattc	tttgaagcca	gaagaagggc	ttgaagtatg	gaaaaactgg	840
gccagacca	agaatgctga	actagagaag	gatgctcaga	acagattggc	acccattggg	900
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gatgacattt	tctccgatct	ttattatggt	cggttcacgg	agtggctaca	tgaagttctg	1140
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atcatataaa	gataccactc	tgtttctctt	atgtattctt	actctagttg	tttattaaga	2460
atgacaagca	cgtcttttca	aaaaaaaaaa	aa			2492

<210> 2998

<211> 1459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (30)...(301)

<223> similar to gi1872200 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2998

tttttttttt	ttgagatgga	gtttgttgcc	caggctggag	tgagtggcac	agtctcggt	60
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gggactacag	gcattgcgcca	ccacgccagg	ctaatttttg	tatttttagt	agagatgggg	180
tttcaccatg	tctcaaactc	ctgacctcag	gcgatccacc	cacctcagcg	tccc aaagtg	240
ctgggattat	aggcgtgagc	caccgcacct	ggcctatgag	tggtctttta	attaggaaca	300
aatctaattg	aaaggagagt	tgactgaagt	tggcccacag	gattgtgaag	ctgggcagtg	360
ccttcatgaa	ggcttggccac	cttggggacgc	cccagtttac	tgggggtgtct	tgccggagtgc	420

agaaggcttt	ctggcagctg	cctgggtttg	gccagaccct	gcctcccctc	ccgccggcca	480
accctagtc	cccttctgt	ctccacttgc	attcaggggt	ggctgctgtt	ctgagaacat	540
tagaactggg	aagagagatg	gagtcacatg	gatttttggg	gggcattatt	ctaaactttc	600
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gcctgctgct	gaagagctgc	tcacaggagg	cggcggcggc	cctggcactg	ccccttgcac	720
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gcccccttgg	tgaccccagc	acattcacag	cagtgttaga	atggcctgca	ttttggagat	960
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cctccctggg	cattccctcc	agcgcagca	ccactgcaac	atatagacct	gagtgtctatt	1200
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aagtgattgt	tttgtttact	gtaagtttga	aaataaaaaat	gaagaaaaaa	attccaatga	1320
ctgtgctgtg	gttgagact	ttatttacca	agatgtttac	tcttcccttc	cccttccatt	1380
ttgaggagct	gtgtcactcc	tcctccccc	cagtgttttg	tagtctctcc	tatgtcataa	1440
taaagctaca	ttttctctg					1459

<210> 2999

<211> 2852

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2855)...(2359)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2999

ctacgagtac	gtcggcgccc	gcacctcccc	gcaccgcccg	cgctgcgcgc	ccggaggagc	60
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gctccggggc	ccgcaatggc	ccaggcagtg	tggctcgccc	tcggccgcat	cctctggcct	180
gcctgcctcc	tgccctgggc	cccggcaggg	gtggccgcag	gcctgtatga	actcaatctc	240
accaccgata	gccctgccac	cacgggagcg	gtgggtgacca	tctcgccag	cctgggtggc	300
aaggacaacg	gcagcctggc	cctgcccgt	gacgcccacc	tctaccgctt	ccactggatc	360
cacaccccg	tggtgcttac	tggcaagatg	gagaagggtc	tcagctccac	catccgtgtt	420
gtcggccacg	tgcccgggga	attcccggtc	tctgtctggg	tcactgccgc	tgactgctgg	480
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agaatccagc	cggtctgtctt	tgctttccca	tgtgctacac	ttatcactgt	gatgttgccc	1200
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cagatgatca	gctctgtatc	tggttaagtc	ggttgctggg	atgcaccctg	cactagagct	2040
gaaaggaaat	ttgacctcca	agcagccctg	acaggttctg	ggcccggggc	ctccctttgt	2100
gctttgtctc	tgcagttctt	gcgcccttta	taaggccatc	ctagtccctg	ctggctggca	2160
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ggccgaggcg	ggtggatcac	gagatcagga	gatcgagacc	accctggcta	acacggtgaa	2400
accccgctct	tactaaaaaa	atacaaaaag	ttagccgggc	gtggtggtgg	gtgcctgtag	2460
tcccagctac	tccggaggct	gaggcaggag	aatggtgcga	accggggagg	cggagcttgc	2520
agtgaagcca	gatggcgcca	ctgcactcca	gcctgagtga	cagagcgaga	ctctgtctcc	2580
aaaaaaaaaa	aggccggggc	cgggtggctca	cgcttghtaat	cccagcactt	tgggaggccg	2640
aggcggggcg	atcacgaggt	caggagatcg	agaccatcct	ggctaacacg	gtgaaacccc	2700
gtctctacta	aaaatacaaa	aaaaattagc	cgggcgtgat	ggtgggcgcc	tgtagtccca	2760
tctactcggg	aggctgaggc	aggagaatgg	cgtgaacccg	ggagggtggag	gttgacagtga	2820
gccgagattg	cgccactgca	ctcccgctg	gg			2852

<210> 3000
 <211> 2028
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2029)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1802)...(1098)
 <223> similar to gi5420387 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3000	
tttttttttt	ttgctataaa attatctcgg gtttaattat tatcaatatc agaactatag 60
aacattaacg	gtactaaacc tgtattttaca attacatgta caaaaaaaaaa tgttctttgt 120
gaggagcaat	tttcagcaaa tctgacaaac agcaagagtc attcctatct tgggtttgaa 180

aagagaaatg	ggaaatttcc	aaggacggcc	ccccctctcc	ctctcactcc	agtggaccct	240
ctggaacatc	aatttggcaa	agggcctgag	gtagaaaggg	aggtattaac	aatatcaggc	300
actcattctt	ccccctctat	gaaagggatg	aatttttagg	aaccgttttc	catcatttat	360
tatactgatg	tgccatccat	ctgcatcatt	aggttcagta	gttaccatga	caatatgatg	420
cctacagcaa	tctaacttga	tagccacatg	ccagaatgtg	aaaaaatagg	accagctaag	480
aaagtgagag	aaatataatt	aatctgagcc	acattcaaaa	aaatgtgcac	aaaactagga	540
ccaagaggga	aactgctgaa	atatcattga	agaggaaatt	ataaagggca	gcaataatca	600
agtttcagta	taaaaacttt	tgctaaatag	agccatgtat	tggtctatta	ctaagacagg	660
aagtagtcaa	agttgggtcta	gaatattgtt	ctgagccctt	gccccctccc	ctgcttccca	720
tttcttgcta	cagggccctg	cgggtatcatc	tttgattcta	gctgttaggg	ccctaatttc	780
cccaaggctc	tcaagccacc	accataagtg	ccaccaccat	gtcactctgc	tcatgtgcag	840
tctgctatta	gaccagact	ttccacctga	tgaataaatt	tccatcattg	tgaagttaat	900
cttaagagac	tgaattgtgc	tgtgtcttga	gagatcctgt	cctcttgcc	tctaagtgcc	960
cgggtggaggc	atcgggctag	cacaaacctc	ttgagggtcc	caatatggta	gagaggggct	1020
gggagattga	gaaaaagaga	gcaagaaagt	ttcagtcctg	ggagatgagc	ctgggacgtg	1080
tgtttattct	cagcatggct	gggtgggata	gcgacgtga	gctaggcgat	ttggccgatt	1140
caggctagtg	gcggtgggca	gctgaggcac	ctgagatggg	ttgtaaagag	gaacagcccc	1200
ttttaaggca	ggtggaggaa	gaagaacacc	agggttggag	cagagctcaa	aggaaacact	1260
ctctggtcca	gacaagcctc	caacccccagc	gcccgcagct	gctcccccg	tggtgcgga	1320
atcctcggcc	cttcaccccc	nacctctgcc	cctggagaag	gcactaacat	ccggcagagg	1380
tggggactca	ggggaagggtg	tcagtgagag	gcccaggcca	gcctggtggg	gagaagatgc	1440
tctgggggtc	tcctgctcag	agtcagggtc	gtctgaggag	tcctcgtctc	cagcggggga	1500
tgcgttcttg	gtgggcttcg	atcgaaacca	gctgaaccag	ccaaaccttg	agctctttgt	1560
atgctccttc	ccatctccga	gcttgccctc	ctgggcagta	tttcggggag	agtttttatc	1620
agcctcatca	gaggactcct	tctcatcctc	cttggtgaa	ctggcggaac	tctcagaaat	1680
acttcgtgct	ctagcagcca	atggtgtctg	tggtttggaa	atgacctctt	ggccatcagg	1740
aggctgggaa	gtttcttgag	acactgtgtt	ctctccaggg	cccagggtgtg	tctgcagcat	1800
ttcctcccag	actgttcctc	cagtggcctc	tgtcactgcc	acgctgctgc	cāgtccctgg	1860
tagatgggtc	tcaggcactg	agtaaaaagg	cctcggtgtc	cctgtctgcc	ctgcaccccc	1920
tcctgttggg	taggagcccc	gctggagggg	aaagggcccc	tgtggtctgg	gctggagcag	1980
gcaggtctga	tcaggtgtca	gccacagagc	tgagcgccca	cgcgctccg		2028

<210> 3001
 <211> 1697
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1698)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1685)...(489)
 <223> similar to gi2317934 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3001
 ggctgctggg tgtcctggca ggcacgtcct gtgggggtcag cacgccggct gcagcgcagg 60

gtgggcctga	gatecgggtgc	cgggccccc	atctccacct	gtctggacac	gcacccctgg	120
cctgtccttg	cagcttcctc	ccgacatccc	ttggcggtgt	ctgtgtctcg	gccccagccc	180
cagccctcct	ttcctggggc	accctcccag	ccatctggta	ttggggctgc	ccccattgcc	240
tagtctctgg	cccagggcca	gcccactctg	ggctggcttt	acttgtctgt	tcctaattggc	300
agggcgctccc	aggaacagcc	ccataagagc	tggtagaaac	aggagggagt	ccttgtcagc	360
aggcatcttc	gagctttttg	ttttgttttg	taaaaagcgg	ttaaccagca	agttacataa	420
aagettattt	gttcccactg	aattttccac	acctcacacg	tgagtcccag	ccatgcagtg	480
cttgtgaggg	agcatcaccc	cttgccgcct	ggctgggcgg	ggccctgggc	tcagaggggt	540
cagccacaga	ggaagcgctt	gtcctgacgt	gtagcgggca	ggacctgggc	gctggagagg	600
ggccagctgg	gtgaagacgg	ctcccggggg	cactggcgca	cacgaggtgg	ggtctctgtc	660
cagcctgggt	aggcatgagc	tgagctcgag	tgagggccct	gcctgcccac	agcacggggc	720
cccagcgctc	taaccgggcc	atttgcccg	gcagcctgtt	gcgctgtccc	cacctgcggg	780
gcctgcagat	ggctgcgtgt	ggctcactaa	cctaaagcat	gtgtttcttc	cctctgctgt	840
ccaccgctct	ggtaggcact	tacctgggta	agtagttttt	gtgctactgg	ccagccctgg	900
gcgctggggc	ttggcttgtg	gcaggtgccc	tgaggtatgg	ctgttctctg	ttgggagcgc	960
cgcagatcag	gcacctgggc	ccccacctga	ccctgcccgg	cagagctaag	caaactggca	1020
gggaaaggct	gacccagggc	tccagggccc	cagtttggn	cccaggggag	tgccccaaagt	1080
taggaggcaa	ctgcaggtgg	ggaggggctg	gacaggtctg	ttctgttctt	taagggatgg	1140
gcctcagcta	agcagcgttt	ctggagctgg	caggttgctc	cgatgcccct	gggccctggc	1200
acctgactga	gttgagtatg	acgtcctgtc	ctctctgagc	tggtcctgct	gggagccgag	1260
ccatcctggg	accagctccc	acatgcacac	gccacacct	acacgcaggg	cagtggggaa	1320
gggcagtga	tgggggaggg	cagcggcggt	cctgggcccc	gctgggggtg	accaggagca	1380
tggacccccg	ttcttgggcc	aactcccgca	gtgccccttg	ggctcctcac	cctgcactgt	1440
gggaagtcag	aggcctctgg	caccccatcc	ccaagcacat	gccaaggtgg	ctggggccca	1500
cccagggcag	aggggtggtg	cctgtttctg	gccggggctg	gcggctctct	cagagcctta	1560
agaaaaagcc	cggcctcctg	gtggggcagt	gccggccaca	gcgaggtctg	cctgcagagg	1620
ggcttggtgc	gctgctggac	tgacagcctt	gcgaggcttt	gcttgccctg	gcacggcagg	1680
caagtgggtg	gacagcg					1697

<210> 3002

<211> 1132

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(672)

<223> similar to gi3183977 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3002

ctgtttgggg	aaccctacat	ctttgaagaa	cttctgagct	tgaagatccg	catctctcca	60
gatgcctttt	tccagattaa	cacagctggt	gcagagatgc	tgtatcggac	tgtgggggag	120
ctgactggag	tgaactctga	caccatcctt	tcttgacatc	tgctgtggaa	ctggtgtgat	180
tggcttctct	ctggctcagc	atacatctcg	ggtccttgga	tttgaattgt	tggagcaggc	240
agtggaggat	gcaagatgga	ctgcagcctt	caatggcatc	accaactctg	aatttcatac	300
tggtaagca	gagaagattt	tgccagggct	gctaaagtca	aaggaagatg	gacagtcaat	360
tgttgctgtg	gtgaaccag	cccgctgcgg	actgcattac	aaggtgattc	aagccattcg	420
aaacttcagg	gccatccaca	cgttagtttt	tgtttcctgc	aagctccatg	gtgaatccac	480
taggaatgtc	attgagctgt	gctgtcctcc	agaccctgct	aagaagctct	taggcgagcc	540

ctttgtcctg	cagcaagctg	tacctgtgga	tttgttcctt	cacacccac	attgtgagct	600
ggtgctcctc	tttactcgat	aagcagcctc	ctagaagaca	gcaggctatt	tgtaaggct	660
gaagtttcag	aaactttcag	gtttggcata	ttgctacatt	gcagaccctg	ggagcattac	720
agtggaaacc	aatctttggt	ttgtgaatag	gaagaatcta	ttaggcctct	ggtctgaggc	780
agattttttt	tttgagatag	agtctcactc	ttgccaggc	tggagtgtcg	tggcgtgac	840
tcagctcact	gcaacctccg	cctcccgggt	tcaagtgatt	ctcgtgcctc	agcttcccca	900
gtagctagga	ttaaagggtc	gtgccaccat	gcccggctaa	tttttgatt	tttggtagag	960
acagggtttc	accatgttgg	ccaggctggg	ctcaaactcc	tgacctcaag	tgatccaccc	1020
gcctcggcct	ctcaaagtgc	tgggattata	ggcgtgagcc	accacacccc	gcccgggctg	1080
acttaacctt	agatttcaga	ttccctttca	atcatgccc	tttgcttggg	ct	1132

<210> 3003

<211> 2433

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (31)...(1350)

<223> similar to gi3892150 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3003

aattgacccg	cgctgctgga	attccgtacg	aggcttatgg	acctcggcca	gctcagaggg	60
gtgcccgc	accgagtcca	cgtataaaga	gtcggatcac	tgctcactgg	tgatgccttt	120
acacatgtgt	gactggggaga	aaggacagga	agatttattg	tacagaccta	agaaaccctg	180
acattcgggt	gctaatttgt	gaagaaaaag	caccagttct	caagatggag	cttgatagat	240
cagctgatcc	tcctcctgca	atttgggttg	caacaactaa	gtctacagta	aataaatgga	300
ctttgaaagg	aattcataat	tttagagcct	ctggagatta	tgacaatgac	tgtacaaatc	360
ctataacacc	tctttgtaca	caacctgacc	aggttattaa	aggggggtgct	agtattattc	420
agtgccacat	tcttaatgat	aagagacata	tattaaccaa	agataccaat	aataatgtgg	480
catattggga	tgtattgaag	gcatgtaaag	ttgaagatct	gggcaaagtg	gattttgaag	540
atgaaattaa	gaaaagattt	aaaatgggtg	atgtgccaaa	ttggttctca	gtagacttaa	600
aaacagggat	gttaactatt	actttggatg	aaagtgtatt	ttttgctgcc	tgggtttctg	660
caaaagatgc	tggtttcagc	agccctgatg	ggtcagatcc	aaaattgaat	ttaggaggac	720
ttttactcca	agcactcctg	gaatattggc	ctagaacaca	tgtgaatcca	atggatgaag	780
aggaaaaatga	agtaaaccat	gtaaatgggg	agcaggagaa	ccgagtgcag	aagggaatg	840
gatattttca	agtgccecca	catacaccg	tgatctttgg	tgaagctgga	ggtcgcacac	900
tgttcaggct	gctctgcgga	gattccgggg	gtgagactga	gtctatgctt	cttaatgaaa	960
cagtgccaca	atgggtaatt	gacatcactg	tggataaaaa	tatgcccaaa	ttcaacaaaa	1020
ttcctttcta	cctccaacct	catgcactct	caggagcaaa	aaccttaaaa	aaagatagac	1080
tctctgctag	tgacatgctc	caagtcggaa	aagttatgga	acatgtttat	gaaaaaatta	1140
tcaacttgga	taatgagtct	caaaccacta	gctcttctaa	taatgaaaaa	ccaggagaac	1200
aggaaaaaga	agaagatatt	gctgtgttgg	cagaggagaa	aattgaactt	ttgtgccagg	1260
accaggtttt	ggatccaaat	atggaccttc	gaacagtga	acacttcata	tgggaagagc	1320
gtggagacct	caccctccat	taccgtcaga	agtccacgtg	aaggctgggc	taatgctcct	1380
ggatattcat	ttacgacctt	cctctatggc	cccaagagta	gtcctaggaa	gcccactgat	1440
ccccaacggg	agcaagactt	ctaacggttg	attggtatgg	accgagatta	tctttcaatt	1500
gaagtgacta	atcgagatgt	aatatagaaa	ccagtctcca	tgtgtagatt	aagctgtccc	1560
caggaagca	gagtgcaga	gcagaagagc	cccaagcaga	ctatgtcttt	caagatgtac	1620

agaagactga	caacaggcca	gtgcagactt	tgcttctctc	ttttgtttca	aaggacctta	1680
tctacccatt	aacacttggt	agagacacct	cagtcgggcc	acaactgtct	ctgtttcaac	1740
tttaagccca	cacactctgt	agcttttcta	aaacagtaca	ttccattcat	gcagtagata	1800
tgaaggcttt	ttccaagttt	gtcatataaa	gtaatcaaat	tgttttcacc	gtttaagaca	1860
gttattttta	atgggaattt	gctgttgcac	aatttgagaa	ccagcccat	tcataataaa	1920
agattaatgt	tgggcttggt	gttaatatgt	catctcagat	gtgttcttgt	aggaagatct	1980
gttgaaattc	caggtgctgg	atcatagcac	ttggactgtt	gggcccggagt	ttgtgcagcc	2040
catgcctagc	gatgctgcac	ctcccatgat	gtcctggcct	tgtggcaacc	ccagggaggt	2100
gcagcagttt	cactccttcc	tccactgtgt	ccagttttat	ttacacaaag	cgagctgaga	2160
ccacaggttc	ttgctctgga	tgagcagcat	gacaccatca	aaatttaaga	ccatgatgaa	2220
atttcagttt	cattcaaagt	ttacctaaaa	tttatgggtg	cagaataaag	ggagatcata	2280
gtgagttaat	ttgatattca	tatcctggaa	gtatacatat	ttgtttttcc	aaagttttat	2340
atgcaggttt	ttgttgatcc	tgtatccaga	tcttcttttc	actgttctaa	caatctaaca	2400
ctttcataga	atcatttgga	tcttggtcga	cgc			2433

<210> 3004

<211> 2227

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2228)...(332)

<223> similar to gil845577 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3004

tttttttttt	tccggtttgt	tatttaataca	tatatatttta	cttgtatcta	agccagggtcc	60
tttggaatg	aggagggtgtg	cagggatcgg	ggtgaggaag	tgcaggactg	gatggacatt	120
taaggtaggg	cagctttggg	ggatgccact	tccaaatgca	atggggacca	tcactgtgta	180
ttccccatag	ttgtgtgggtg	agcagctctg	gataccctga	ccacaaagct	ttggggacaa	240
tttgttcacc	agaagatgtg	aggaggacgg	aataactcaa	ggcactcaga	gatgggtggag	300
ctttggagct	gaggcgggca	aggcatctca	gatggtcacg	ctgtttctct	accatgctgg	360
gtcaaaggta	ctcacacggc	aggttcagga	ctgcattccg	gacctcaatc	tccttgtcca	420
tggaagccag	ttcctcctgg	aattgtctca	gcacagcttg	gggctcagga	ccagagaaat	480
atttctcctc	atgcatgaca	ggctggcgct	tgccaaggaa	ctttgtgaag	gtcttttgca	540
tacgtgcctg	gtggagattg	ggcagtaagt	ccactatata	cttctctgtc	acatccttag	600
agatgggctg	gggcttctgc	atgggtgcatg	ggccattagg	gatccaggag	taccagtcca	660
gctggcccag	gtgggttagaa	gcatgctgac	ctgtgcatgt	gaagatgcac	atggtgacaa	720
agtggcagag	ctgagcccgg	gactctaagg	agatgaggaa	cccctgggtc	tgggcccctc	780
gcagtccagt	ctcagtcata	tctctgcacc	aggcctgcag	ctctagatca	tccttcatgg	840
cttgggtcact	attgtagaaa	agcccaacca	tcccctccac	gtacctatc	ccggctgatg	900
attccccaca	gcctgatggc	atcttagcca	taaaaagaag	atttcacatc	caggagccca	960
cggtcagcca	ggtcatcagg	aggacagagg	gaatgatagg	tcaaacaagc	catggctctc	1020
tgaagaatgt	ccacgtggct	tccactacca	gtgtcacca	ccaggtcaaa	aattccccat	1080
tcggagacaa	gactactctg	ggccagcggtg	ttgatcgcca	tgggtgtagcg	gaagtggggg	1140
atcaggagct	tgtagatagg	atggaggcta	ggcaagcttc	tcattgtagc	cacagcaata	1200
acctcagcaa	tcaagtgtcc	cctcagcaga	tgtgactgta	actgctgcag	ctggaaatca	1260
gagctccgga	cccagggtctt	ggccaggagc	caggccatgg	ggggatgcga	gggcagaaag	1320
agcagagggtg	ggggacatcc	gtgtcaaggt	ggctggagct	ggatgaccat	gggtaagagt	1380

cctccatcag	gctgaagctt	cagcacgacc	aaaggggctg	ccacgcattg	ctgcttaaaa	1440
atgatgacat	taggcttgac	tccatccagc	aaggagaaat	ccacttcaaa	cagagatcca	1500
gcctggagtt	ctttctccag	ctgggtcttc	aagtcttcca	tccctggagg	cagcaccagg	1560
caggctggga	gccttgaaga	acacctcagg	agcatggggt	ttgcaccatt	gagaaactgg	1620
tacccaaaga	aggcatcatt	cttccaagaa	tcataaacc	gctcagccag	gacagtcttt	1680
ccatgtggga	atattttttt	gaaatcttcc	agccttttca	cacaatttat	gaaatccagt	1740
gtcccttaa	tggccaagtc	cttcaaccct	tttgctaggg	agacattaaa	gtctaaatcc	1800
ttatcctcga	ggaatcgctc	gtccctagga	aggctcgggt	gcctattccc	tgctataggc	1860
aggattaacc	catctttcca	ggagccccac	cagtaccctc	aggcaggcag	ataattccgt	1920
ggccctgcac	ccagcggtag	caggggaaaa	aggccgcgcc	ttgggtcccc	gggccctgca	1980
ctgagatcca	cttgacagaac	cagtcgagac	tcaacagcac	gttgtgtttg	cgcagcttca	2040
ccatcaggag	gcgccccagg	tgcaggggga	cgctgatctc	aaactctgcc	tcctttcccc	2100
acaccggttg	cagctgcttc	cctaggtctg	cctccccgtg	ctcgcccacc	agccatagct	2160
gcaccagggt	gggagagccc	gccaggagca	aatccccggt	ggctacgcgg	accgtgtact	2220
tgcccat						2227

<210> 3005

<211> 928

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (145)...(176)

<223> similar to gill177607 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3005

tgggcttcgg	gcgacagtag	caacaaccac	aaaccacgag	agtggctgga	gatcgatttg	60
ggggagaaaa	agaaaataac	agggtgcagaa	aataacacaa	gtgccaagtg	caggagtagt	120
ttcatgactg	taaatgactc	gcagttgaaa	atagccttat	tgtttacata	ggtgcttctc	180
tacctacctc	caagttcttg	aaatatttga	aatgtaaca	aatctttaca	ttctttctgt	240
gaaaagaatc	tgtatgcaag	ttgtaaatat	ggatatatgg	attagagaga	taattcttca	300
atggtgaaat	ctttatatgg	tgtattgtca	gtgtgaaaac	attaatctgt	gaagagattt	360
ttaaatgcaa	ctaataataag	ttggcctgtg	agatgatctg	aggtttcaaa	tgaggggagaa	420
aaaaatgaaa	cttgaaatta	taatagatgt	tatatttaac	aaacttttaa	aaatagcctg	480
gtaaatatta	ttttcttaca	aggaattagg	accacaggat	ctacacagtc	gaacttcaac	540
ttttatgtta	agagttttgt	gatgaacttc	aaaaacaata	attctaagtg	gaagacctat	600
aaaggaattg	tgaataatga	agaaaaggta	agaggtaacc	ctagaggcaa	gagaactgag	660
taggagaaca	ggcctctata	tattttcatc	aatgtgttta	cattaaatat	ctcattaata	720
aaagacagtg	aggccaagca	tgggtggttca	tgctgtaat	ccccaagctt	tgggaagcca	780
aggcaggagg	atcatttgag	accatcctgg	gcaacatagc	aagaccccac	cactacaaaa	840
aaaaattttt	aattacccaa	atgtggtggt	gcacacttgt	agtcttagat	acttgggaagg	900
ctgaggcagg	aagatcactt	gagcccag				928

<210> 3006

<211> 1031
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(294)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3006

tttttttttt	ttgagatgga	gtcttgctct	gtcgcccagg	ctggagtgca	gtggcgcaat	60
ctcggtcac	tgcaacctcc	acctcccg	ttcacgcat	tctcctgct	cagcctcccg	120
agtagctggg	attacgggcg	cccgccacca	cgcccgcta	atTTTTtgta	TTTTtagtag	180
agacagggtt	tcaccgtgtt	agccaggatg	gtctcgatct	cctgaccttg	tgatccaccc	240
acctcggcct	cccaaagtgc	tgggattaca	ggcgtgagcc	actgcgccc	gccacattca	300
gttcttatca	aagaaataac	ccagacttaa	tcttgaatga	tacgattatg	cccaatatta	360
agtaaaaaat	ataagaaaag	gttatcttaa	atagatctta	ggcaaaatac	cagctgatga	420
aggcatctga	tgccctcatc	tgttcagtca	tctccaaaaa	cagtaaaaaat	aaccactttt	480
tgttgggcaa	tatgaaattt	ttaaaggagt	agaataccaa	atgatagaaa	cagactgcct	540
gaattgagaa	ttttgatttt	ttaaagtgtg	tttctttcta	aattgctgtt	ccttaatttg	600
attaatttaa	ttcatgtatt	atgattaaat	ctgaggcaga	tgagcttaca	agtattgaaa	660
taattactaa	ttaatcacia	atgtgaagtt	atgcatgatg	taaaaaatac	aaacattcta	720
attaaaggct	ttgcgtgacg	cccgagtagt	tgggattaca	ggcatgtgcc	accatgcccc	780
gctaattttg	tatttttagt	agagatgggg	tttctctgtg	ctggtcaggc	tgggtctcgaa	840
ctcctgacct	caggtgatct	gtctgccttg	gcctcccaaa	gtgctgggat	tacaggcatg	900
agccattttg	cctggccaaa	attaataact	tttatattaa	atttacatat	atatatatat	960
atgcgttttc	tttttgatac	cgggtctcac	actgtcaccc	aggctggagt	acagtggcac	1020
aacctctgct	c					1031

<210> 3007
 <211> 885
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(789)
 <223> similar to gi2723316 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3007

atactggaaa	aaaatcatat	aaattggaag	actgtggcaa	aatcttttaa	gtattgctca	60
aatatatcca	gccataattc	atactaaaga	ttatgcctat	gaacctagg	aagtttgga	120
aagcttatga	atacacctca	aactttccta	agccttggag	aaatatcagt	gagaaacctc	180
agaaaactga	acaatgtggc	aagcccttta	aatggttgtc	acatcttact	gtaggtaaaa	240
taattgatag	tggagaaaaa	ctctacaaac	aaagaatgtg	tcaaaacttc	taacatgctc	300

atactttatg	gcacataaaa	gcgtttatac	ttgaaaaatt	atacagagtg	tggaaaagcc	360
atttctatct	gctcacatca	tagtcaacat	caggaagttc	atacttaata	aaattattat	420
aaatgtaatt	actgttcaaa	gaccttgga	aatataaacc	cttaaaataa	aaaagagtat	480
tctggagaca	aacattacaa	atataaagag	ggttgtaata	cctttacttg	ccctatataa	540
tgtacagatt	ttacactaga	agaaaactct	aaaggaatta	ctcaaacttg	tttggcatca	600
gagaatttat	gttgaaggaa	accgtacaaa	tgtataaagt	gtggaaaaac	atttggtcag	660
aaactacagc	ttacaaaaca	ccacacagtt	tataataaaa	aatatttttg	cagatggaat	720
acatatgtaa	aaatatttag	tcaaaattaa	gtctttgtaa	actttagaaa	attcacggta	780
gggagaacta	aggcactggc	acttaagacg	ttacactaaa	tcagaatggt	ctgtaaagaa	840
agtaatccaa	agctaaaact	gttggataat	ttatttgtat	ataag		885

<210> 3008

<211> 1126

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (24)...(826)

<223> similar to gi1850098 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3008

gtggcgccgg	gagcaaaagc	agcatgatgc	agctcatgca	cctggagtcc	ttttatgaaa	60
aaacctctc	ctgggcttat	caaggaagat	gacactaagc	cagaagactg	cataccagat	120
gtaccaggca	atgaacatgc	caggaattt	ctggctcaca	caccaactaa	aggactttgg	180
atgccactgg	agaaagaagt	caaagttaag	cacttacttt	tcattggatt	gcttcataat	240
ttcttggtga	tggaaaattc	attcctaaag	caacaagatt	aaaggatggt	tgggtaagca	300
attagtttac	ctgtcttttc	tgggacctta	cacggttcat	ccatgattgc	attttctttt	360
agaattggag	tttaatgaat	aaaaacttta	atataatcta	ctgattcttt	atctcactaa	420
ggtgaaacac	tcttatctta	cagaaatatt	tccccttttc	tttgctttta	ggttggcatt	480
gcaaattggt	cggtcaccga	acaggctaca	aagaatgccc	tttctttatc	aaagacaacc	540
aaaagtta	acagttcaga	gtagcacatg	aggatttcat	gtatgacatc	atacgagaca	600
ataaacaaca	tgaagaagaat	gtaaggatac	agcagttaaa	acagttactg	gaggattcta	660
cctcaggtga	agataggagc	agctccagtt	cctctgaagg	taaagagaaa	cacaagaaaa	720
agaagaagaa	agaaaagcat	aagaaaagga	agaaagaaaa	gaaaaagaag	aaaaaacgga	780
agcacaaatc	ttccaagtca	aatgaggggt	ctgactcaga	gtgacaagga	tgtgacttgt	840
tcaacattct	cttctcaaac	actgaccaag	gaacagagga	agatgcagtc	agagaaagca	900
gcaggataga	gacgccgaga	gaggagtata	tgtgggtcac	agcagtgagc	tcccacccgc	960
cttgccagtga	agatgtgacc	ccaggagagg	gagtggtctc	ttccaggtgc	tagctctgga	1020
cagcagctga	ttttaggcag	gaaagtttct	tcacgttgt	cctccctgct	ggtcacatga	1080
gtttacgatt	cctttgaagt	gtctcccaca	gggtggcagg	actggg		1126

<210> 3009

<211> 2225

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(2014)

<223> similar to gi4589536 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3009

gaagaaggag	gaggaggccc	gcgtcgctc	cgccggggct	cgcgctcgcc	ccgcgctcgc	60
cctccgctc	gcccagagccc	cgggagggtg	aaacgctttc	tcccagcatg	cagcgggagg	120
agggatttaa	caccaagatg	gcggacggcc	cggatgagta	cgataccgaa	gcgggctgtg	180
tgcccttct	ccaccagag	gaaatcaaac	cccaaagcca	ttataaccat	ggatatgggtg	240
aacctcttg	acggaaaact	catattgatg	attacagcac	atgggacata	gtcaaggcta	300
cacaatatg	aatatatgaa	cgctgtcgag	aattgggtgga	agcaggttat	gatgtacggc	360
aaccggacaa	agaaaatggt	accctcctcc	attgggctgc	catcaataac	agaatagatt	420
tagtcaaata	ctatatctcg	aaagggtgcta	ttgtggatca	acttggaggg	gacctgaatt	480
caactccatt	gcactgggccc	acaagacaag	gccatctatc	catggttgtg	caactaatga	540
aatatgggtg	agatccttca	ttaattgatg	gagaaggatg	tagctgtatt	catctggctg	600
ctcagttcgg	acatacctca	atagttgctt	atctcatagc	aaaaggacag	gatgtagata	660
tgatggatca	gaatggaatg	acgcctttta	tgtgggcagc	atatagaaca	catagtgtgg	720
atccaactag	attgctttta	acattcaatg	tttcagttaa	ccttgggtgac	aagtatcaca	780
aaaacactgc	tctgcattgg	gcagtgctag	caggggaatac	ccacagtcac	tagccttctt	840
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gcaaaacaga	gaaaaaattgt	gtggattatc	aaccacttac	aagaggcaag	gccagcaaaa	960
ggatatgaca	atccgtccct	ccctagaaaag	ctgaaaagctg	ataaggaatt	tcggcagaaa	1020
gtaatgttag	gaactccttt	cctagttatt	tggctggttg	ggtttatagc	agacctaaat	1080
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gcaaccaa	tctggatgta	tgtgacgtgg	ttcttctggg	tttggaatga	tctcaacttt	1260
ttatttatcc	atcttccatt	ccttgccaat	agtgtgacac	ttttctacaa	ttttggaaaa	1320
tcttggaat	cagatccagg	gattattaaa	gcaacagaag	agcaaaaagaa	aaagacaata	1380
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tttgatcatc	attgcccatt	gggtgggtaa	ctgtgtaggt	gcaggcaacc	atagatattt	1560
tatgggctac	ctattcttct	tgctttttat	gatctgctgg	atgatttatg	gttgatatatc	1620
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tcagattgcc	acgtgttcac	cttggtggtt	ttggatgttc	ctgaacagtg	ttttccactt	1740
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tacaaatgaa	agaatgaatg	ccaggagata	caagcacttt	aaagtcacaa	caacgtctat	1860
tgaaagccca	ttcaaccatg	gatgtgtaag	aaatattata	gacttctttg	aatttcgatg	1920
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ccaaatatca	ggatctgggt	accagctggt	gtagcgacat	cttatcctat	gaagcatatt	2040
gctgagtgg	gcctgaaaat	tgtgtctgtc	cgtgtctttc	tcacactcga	atccacatcc	2100
tttgaacaag	agcatgctat	gtgtagggtc	aatgggtgaat	tttacagtct	ttttttcaac	2160
acttttatta	acaaaagtaa	acatggacag	aacacactgc	catttctggg	aagagtaaag	2220
atgat						2225

<210> 3010

<211> 3289

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3134)...(1463)
<223> similar to gi2239126 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3010

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ttaccgcctt	tgagtgaagt	gataccgctc	gccgcagccg	aacgaccgag	cgcagcgagt	120
cagtgaagcg	ggaagcggaa	gagcgcccaa	tacgcaaacc	gcctctcccc	gcgcgttggc	180
cgattcatta	atgcagctgg	cacgacaggt	ttccccactg	gaaagcgggc	agtgaagcga	240
acgcaattaa	tgtgagttag	ctcactcatt	aggcacccca	ggctttacac	tttatgcttc	300
cggctcgtat	gttgtgtgga	attgtgagcg	gataacaatt	tcacacagga	aacagctatg	360
acatgattac	gaatttaata	cgactcacta	tagggaattt	ggccctcgag	gccaagaatt	420
cggcacgagg	tttttttttt	tttaagtggg	acaattaaaa	atttaaaaaa	taattttaaa	480
atagaacagc	ttagagatag	gaaacctaaa	tttatttccc	aattccttac	tgtgccccca	540
aaaccagggt	tcacaaaaag	ggctgtcctc	ccaacaattt	tctgaattct	atatattcag	600
cattaaattc	catgataaag	ttggaaatcc	attcaccatt	tgtaatacat	attgatgcat	660
ttaataaaat	tgcatgggccc	gtatcttttg	catttctgta	tcctagtatt	aagtacagtg	720
cctaccacag	gccaggttct	caatacttga	ataaatgaca	caaaaatagc	caggaccagc	780
aagttttttc	tgggtgggct	tcatagaatc	tctgtacttg	ctggaatcac	catgaaatcc	840
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gtgagacctt	tgggagcggg	ttcatggtag	gggtggcttt	taatgtgtca	ccttgggtgag	960
gctatgtttc	ccggaactct	cttccagtaa	gatggggcac	aagagacatt	ttgcttgata	1020
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tgaaggcaat	tctctgtgct	cgacagtctt	tgacacaacgt	tttgagccgc	tgcccttggg	2700
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ctggggctgt	gtcagtgtca	gccttggtct	catccctcgg	ggcctccttc	ctgacctcac	2820
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tgaagtcgaa	gaggggtgaga	tcacacgcag	ggcccaggta	tcgagtcagc	tcaactttgc	3000
ttcggatcct	gtctcctgtg	gggctctggt	aatagggtgc	tgagcgtcca	caggtggccc	3060
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agtcctcagc	catggaggcc	acaggaagca	gcagtagcca	gtttggcacc	aggccggtat	3180
cttcgccac	tctaggcccc	tggacccatg	gcgagggctc	ctcctgcacc	tcccgcctcg	3240
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<210> 3011

<211> 3233

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (3234)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3233) ... (1284)

<223> similar to gi517115 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3011

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cccccaaaa	gaaaaaaat	aatcttccc	cccccggtt	aattttggcc	ccccaggggg	180
atctttaaaa	gggcccccc	tttttgttt	tttattatca	tctttttggt	tttttttttt	240
aaatattaaa	acaataaat	tttattaaac	agttttcacg	gcatttttaa	ataaatttaa	300
aaaataaata	tttgatttat	agcagaaagt	cacatgtatt	gcatcaactc	actttttaca	360
tttaattggc	tgagacaact	aagcatcagc	accataaaac	tgtaagatt	tgtttcttaa	420
attcaaggaa	atagctctaa	agcactgcag	catcaataat	tttgaaagct	ataaccagct	480
gattggtgct	catagtagcc	aatgtttctt	tttattactg	ggcaactgtg	ggagacagag	540
ttcttccagt	actaaatatt	aataagggtc	tctgatcgac	aatcccccat	ctatcagtgt	600
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ccatgcactc	acaccagatc	atctctgaaa	tatgcaaact	cttaaaattc	atgttagtaa	1020
aactttaatg	tattcataat	acttgctatg	tttattagaa	gatgggtcaa	aaaaatccat	1080
ggttctgtac	aataatatta	acagtttggt	cattttcctt	taatattttt	tggcttccat	1140
gaacactcgt	agattgaaca	ttctgcaagt	aagaattata	atagtacctc	tgacaccttg	1200
ctgaattcat	caccacaaga	aaaacacaaa	tagtttaatg	cttttgcact	aaactgaata	1260

gttataactc	caaagttata	ttaaactgaa	gccttcattg	tgatcaatag	cttggatcag	1320
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ccaaatgagc	ctggaatctt	cataatacct	aaacatgccg	tatttaggat	ccaataattc	2160
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tttatcatac	tgtataatct	gtcccatttt	ctcattttacc	ctatgtagta	tttctaaaaa	2640
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cttgtagagt	ttcaaaaagt	gtaccacaac	ttccttaaaa	agttctacta	tcttgaggaa	2760
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gttcacaaga	gctgtaccaa	aggggaattgc	tattgctgag	aaattgggtg	aatcactcat	2880
caggggacat	tctggtagag	taagataaaa	cctcaatgcc	tcaacatcag	gtaaggagct	2940
agtcagttta	ggaaataaga	ttcttttcca	aactaagctg	ccacctgctg	agatatctgc	3000
ggatgatcag	gttggtataag	tttggtggaat	aaaagcctag	cagcattcat	atcaaccctt	3060
naaaatctgg	tacctgttct	atagtgatca	tcattgctaa	cagctnaaaa	acttccattt	3120
aggcaaccag	aggaagaaaa	cgttccatct	atctcattgg	ctatctccac	aggaaacctt	3180
ccagnaggat	agctcagcca	tttctgaatt	agagcttcat	tcactgtcca	gat	3233

<210> 3012

<211> 680

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (682)...(484)

<223> similar to gi3041881 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3012

tttttttttt	ttttaacttc	tgaaaaatat	ttattcttgt	ttgatgaaag	caacgtttct	60
cagcaatgca	ttttaaaaaa	tatttttagcc	ggtaaattaa	aaagggccca	taatgtaccc	120
ctggcagact	tcagcatata	ccaaatttta	aatttaaatac	agcttgaatt	cagtggggta	180
tacaaatcaa	tcatttttagt	tgtttttaggg	cttttttattg	aataggaaaa	aatataaaca	240

atgtttagg	agtaatgaga	aatcctccca	cactggaaaa	aaaactaggt	agttttaatt	300
tttttgggga	tcatattttc	tgagggtgta	actggctttc	attagatgat	catacttttc	360
ctgacatttt	tacaatgtat	tctttcttta	aatataaaaa	cctgacaagg	ataaatatag	420
tgtttcaact	tcttaggcct	atttgtggat	ttttctgttt	tcctctgacc	catcattgga	480
ttctataaaa	aagtgccggg	gccaaggaaa	caatagttag	gaggtaattc	ttccttttag	540
gtcctttcag	cagtcttgcc	aagcaagcat	gtatcattcc	tgatgtactt	ctaccagttg	600
acagcaagaa	gaatatcacc	acatctaatt	cttccatcat	tgtattgctg	tgttccttca	660
caatggattt	gatgaaaaaa					680

<210> 3013

<211> 4280

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4281)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3)...(2452)

<223> similar to gi5262678 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3013

aagaaattgc	aggtgctgca	gcagagaaca	tgtaggcag	tttgctgtgc	ctcccaggtt	60
cagggtcagt	gcttcttgac	ccctgcactg	gttctacccat	atcagagaca	acaagtgaag	120
cttggagtgt	agaggtattg	ccaagtgact	cagaggcccc	agacctaaag	caggaggagc	180
gtctgcaaga	actggagagc	tggtctggac	tggttagcac	atctgatgat	acggatgtca	240
gggaggtcag	ttcccgcccc	agcacaccag	gcctcagtgt	tgtgtccggc	ataagtgcaa	300
cctctgagga	tattcccaat	aagattgaag	acctgagatc	tgagtgcagc	tctgattttg	360
ggggtaaaga	ttctgtcact	agtccagaca	tgatgaaat	aactcacgat	tttctttata	420
tacttcagcc	aaaacaacat	tttcaacaca	ttgaagcaga	agcagacatg	agaatccagc	480
tgtcttctag	tgcccaccag	ctgacctctc	ctccttctca	gtcagagtct	ctgctggcca	540
tgtttgatcc	actgtcttca	catgaagggg	cttctgctgt	ggtaaggcca	aaggttcact	600
atgctaggcc	atcgcatcca	ccaccagatc	ccccaatcct	ggaaggagct	gtgggaggaa	660
atgaggccag	gttgccaaac	tttggttccc	ccatgtttta	actcccagct	gaaatggagg	720
cattcaagca	aaggcattcc	ttacccttga	gagactagtt	cgaagcagga	gctctgaata	780
tagtatcttc	tgtccggaga	cccattgagt	accccagctg	gaaccggcgt	cccaggaaat	840
gaagagcgag	aactccctcc	agctgcagcc	attggtgcta	cttctttggg	ggctgcacct	900
cattcatcat	cttcatcccc	gagtaaggac	tcctcaagag	gagagactga	agaacgcaaa	960
gatagcgatg	atgagaaatc	agacaggaac	agaccttggt	ggagaaaacg	ttttgtttca	1020
gccatgccta	aagctcctat	accattttaga	aagaaagaaa	aacaagaaaa	agacaaaagt	1080
gatctggggc	ctgaacagatt	ctcaacactc	acagatgata	ccagccctag	actcagtgc	1140
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gattgctgag	gactacagaa	aaagagcccc	atatattgct	tatctcactc	gttgctcgaca	1680
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aaagaagatc	aggggaattca	ttcaagactt	tcagaaactc	accgcagctg	acgataaaac	1860
tgctcaggta	gaagattttc	tgcagtttct	ttatggtgca	atggcccagg	atgtcatatg	1920
gcaaaacgcg	agtgaagaac	agcttcaaga	tgcacagctg	gccattgagc	gaagcgtgat	1980
gaaccggatt	ttcaagctcg	ccttctaccc	taatcaagat	ggggacatac	ttcgcgacca	2040
ggttcttcat	gaacatatcc	agagattgtc	taaagtagtg	actgcaaate	acagagctct	2100
tcagatacca	gaggtttatc	ttcgagaagc	accatggcca	tctgcacaat	cagaaatcag	2160
gacaataagt	gcttataaaa	ccccccggga	caaagtgcag	tgcatcctga	gaatgtgctc	2220
tacgattatg	aacctcctga	gcctgggcaa	tgaggactct	gtccctggag	cggatgactt	2280
tgttcctgtg	ttggtgtttg	tggttgataa	ggcaaateca	ccctgtttgc	tgtctactgt	2340
gcagtatatc	agtagctttt	atgctagctg	tctgtctgga	gaggagtcc	attggtggat	2400
gcagttcaca	gcagcagtag	aattcattaa	aaccatcgat	gaccgaaagt	gaccaagacc	2460
aaggcccacc	aaggcagcag	actgttaate	agacaaacag	atctctgaga	aggtgcatca	2520
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tgtctagacc	tccattcttg	gattcccttt	ctttcccttt	atttttaaaa	agaacagtac	2820
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cactgaggat	tagaatagtg	gtgcgttagt	ggcattatct	ataaatacac	tcacctaaat	2940
tgaaagctaa	gaaggaaatg	taaatataat	atatatttat	atttgatgta	atatggacat	3000
ctgcagattc	taataaacia	ggactattgc	tgatagtagg	ctgtgacata	ctgtcctgtg	3060
aaatggtttc	cttgacaaaa	tttaagctga	gcttaaaagc	aaaaaaaacia	aaagtacaca	3120
gaaatattta	ttaaaatgta	atacagttta	ttgaactttc	taggtatgga	gtttgatgga	3180
cagggctgcc	tttaatgagt	gtgaagggtc	ctaagtcact	tagacatctc	accgtggaag	3240
tttgtgagcc	tgcattagga	gatagactga	ttaccataca	tgacataaaa	aggaacagtg	3300
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acagagctcc	ttacaaacct	ttaattgtaa	tatatTTTTg	atgattatc	acattgaatg	3420
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agtatacaa	gttttactag	tgataaacta	ttttaaatcaa	ccatactatt	cttatggaaa	3540
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gttttcatag	tttgggttgc	attgtatatc	aataattaat	caggaatggg	ttttggtgcc	3660
tgaaaaattg	gccatggagg	cacaccaaag	cttcaagcac	aagtcttgta	catggggccat	3720
cactgtctgg	tttcacttcg	tgtgtttcct	aaacacattt	agctgctttt	ttaacaaact	3780
cagccccata	cttgagtccc	ttgttgttgg	gagcatttcc	aggcatcttt	taagggaact	3840
gtgacaaaca	gcctcgggca	gatgaacacg	gaggctctct	gttgtctgtc	tctgagatct	3900
tttgttctgg	gaatgcctaa	agatttttatt	tttttttctt	tggttttatt	ttatttttatt	3960
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agctagggac	tacaggcgca	tgtaacccaa	gcccggctaa	atttttgtat	ttttagtagg	4140
aaacgggggt	tttcaccatg	ttggggccagg	gtggatcctc	aatctcctga	acctcgtgga	4200
tccaccgcc	ttngggcttc	ccaaagtgcc	gggatttaca	agcgtggaac	cacctgnccc	4260
agccagaaat	taggattttt					4280

<210> 3014

<211> 1195

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(1196)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1034)...(414)
<223> similar to gi3170539 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3014
tttttttttg agacggagtt tcaactcttgt tgcccaggct ggagtgcagt ggcgtgatct      60
cggtcactg caacctccgc ctctcagggt cagggtgattc tcctgcctca gcctcccaag      120
tagctgggac tacagggtgcc tgccaccact cctggctaata ttttgtatt tttagtagag      180
acgaagtttc actatattgg ccaggctgct ggtctcgaac tcctgacctc gtgatctgcc      240
cgccctgggc tcccaaagtg ctgggattac aggcattgag caccacgccc agccctgca      300
agcagtttct ttaactctgt tgggatgcc ttcgtgggca aagctagatt tgggacaagt      360
tgcccagctc tgctaggaag agtcagtcct cagggggaag tttcttttca cctccgggat      420
ccccagggtc tcctgggttg actcaggact tcatacgag cctggatctc caggaagtgc      480
ctctgtgct cctctgtctg gtccagggtg tggctcgggt gccagacct cactagctcc      540
tggttaactcc gatgtatttc ttcatttggt gcccttctg agaggcccaa aacctggtaa      600
gccagctgac gcttctcatc ctgaaaactg tgaacaaact catagagctt cgcccactcc      660
tgaaagcagc tgctgttgaa gccagtctcc cccatcagta gcctccagat ccggttaaggc      720
agaaggagga caaactccat gaggcggcca agaaggggga agaagctgaa ccaattcaag      780
aaggagccaa aggtttctgc cacatagctg aggggtggcag ctgtgttgca gagggcactg      840
tatgccagtg ggcctgtgaa agcaaggtaa gccaaagcca gacgatagag ccgcacactg      900
agcggctctg atgccaccaa agctttgtag cggcgatgcc tctgagctgt aatgctggcg      960
gccacgctaa tgggcagtat ggctatgggg cggccataga agataggtga agtgagaaat     1020
gctgacccca gagtgttctt aaagtctgag gtctggttgc caacagcagc caccagcaag     1080
accctaagc caactgccag tgggagggcc acaatataga agttgaccat ggaagaaagg     1140
cgaattccac cacatggact agggatctcg accnctgga ctagggactc aaacc           1195

```

```

<210> 3015
<211> 793
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(794)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (39)...(699)
<223> similar to gi2662600 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3015
cagctacaaa atttggttt tacccaaact agaaaaatca gggaacccca gactcaggcc 60
cagtagagac cccaaagaag cagagaaggg tcagttcact gagggggccac acctgcccc 120
gggccaggcc actgtccatc ctggtgccac caccaccctg ctggcctggc ccccccaac 180
cagacagcag tccccacca gccagcacc ggtaacctg agaatagggg ccaatcaaca 240
ggggggccag gagccccaa ggtgcagggt gactgaggg cccaccggc cctgctgaac 300
acaggcctga caccacctc ctccttcaag gccaccgacg ctcttgggag gcagtcagt 360
ccgtctccct gcgtcactg cagaagactg aggtcagag gggcagagt acctgcctt 420
accaccacg cagtcctat cggagcacc aggtgcccc agcggctcct cccggcctt 480
tgcagcccca tgcgccccc acatggaaca tggctgggt ggactgcagg gatggagct 540
gggcaggaca cagccctagg agcacctgc tggcgccagc ttttgctgac ggcagccaa 600
cagcccccag ccacgtggca aagcgggtcc ccacgcagcc ctggctgcag ctgctccagg 660
ggtggcctga gacttctcaa agaagatgct gtgcccggc ccccggaacc cctacttggc 720
cggacgccgc tgatggtgcc ggaacgggg tgcacggga attcgtgcc gtntnaagg 780
tatcaggncc cgc 793

```

<210> 3016

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (77)...(800)

<223> similar to gi330442 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3016
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cgcacacacc acttgtatct cctatgccc tgtcaagcag cagcagggcg gtgggaacgg 180
ctgcacctgc actgtggcag ctgcaggcc tccctgaagt ccaggcggag gctttctcaa 240
gtgtgggtgc cttgggtccg acccaggacc cctcccccag ctcccgctct gtggaggaga 300
ccccaccatg cttcctcacc accggtctga gatgtctga cccctgccc actgcgcct 360
aacattactg actctaaacc agaaccagt gccaccctg tctcaccgt cctcacccca 420
cggcattctg agtgaggac gccaggccc acccactccc tggactcact tctgtcccc 480
cgagagacct tgcccggaac atgtaccac ctatgcctc tactgccac ctcagccctg 540
tggaacccag tggtagagg gggagtcctc acggccagcc aaggacagga tggtagcag 600
gggcagggga acgaggcca ccaggcctg gctcatgat cctccaaatt cccaggggc 660
tccccagagc ctggacacc ctgcatggca ggggtgggtg agcctgccag ccacatgtcc 720
tctgcccac cctcgtctg aaatgcctgt cccgatatg cccacgggtc ctgccgttgc 780
ccctcaccat gctccctgat gtgtccaggc tggcctgggg gtcgtgctac ctgaggcggc 840
agagctgagc caaggtccag gaccagtttc aagagggtg gccaggctcc tctgagcca 900
tttctagggc agccctgca cccttgccgt gctggactcg gtggggacgt ctgggtggct 960
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gctctcagct ctatcactgc caggccctgg ggtgatgctg ggcagagctg tccctgcgag 1080
ggccctcgga atccaggagt tgggcgattc cgggatggtt ccagagcttc caaacccaca 1140

```

tccagcccag	gatgtgagaa	gcagcccata	aaggcctgag	ccaggctgtc	ctggtggggc	1200
aggtactgtg	ggccccgcct	gcccagctga	caggaggcag	ccagcggatg	cccgggtggg	1260
aggggctcga	gctctcaggg	tgtccccag	ctaggactca	tccagggcag	ggacccctca	1320
tgggagggatg	gggagtcaca	tggtgccag	gacccccgac	tgaggactgc	agcagacccg	1380
tcacagcaaa	cggagtggag	gcctgtt				1407

<210> 3017

<211> 3013

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (410)...(1617)

<223> similar to gi3043548 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3017

tccttcttgt	cctggtcggt	gttcccgtct	gagtaccagc	tccccactgc	cctgagggcg	60
ggccggcctg	cggcgaggag	aaaaaggaag	aggagaagga	aattgtcccg	aatccctgca	120
gtgggtccaa	gcctctcccg	ggtggccagt	ctttctgtag	gttgccggac	aacgccaggc	180
aaaagaagag	gaaggaattt	aatcctaata	ggtggaggct	gatttgaggg	tctgctgtag	240
cagggtggctc	cgcttgaagc	gagggaggaa	gtttcctccg	atcagtagag	attggaaaga	300
ttgttgggag	tggcacacca	ctagggaaaa	gaagaagggg	cgaactgctt	gtcttgaggga	360
ggtcaacccc	cagaatcagc	tcttgtggcc	ttgaagtggc	tgaagacgat	caccctccac	420
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gcaggcctgg	tgattggggc	tgccgcctgc	tattgcatth	atagactgac	taggggaaga	600
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aattcagatg	ataccgtttt	gtcccctcaa	gagctacaaa	aggttctttg	cttgggttag	900
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gtgaatgctg	aaaatcagcg	caggcttaaa	gtatacatga	atcaagtgtg	tgatgacaca	1140
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ttttcagcgg	gaaatgaaga	aaccaaactt	caggttctga	aactcctttt	gaatttggtc	1320
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ttatctcgct	gcctagattg	aaatattht	ctatttcttc	tgcataagtg	acagtgaacc	1920

aattcatcat	gagtaagctc	ccttctgtca	ttttcattga	tttaatttgt	gtatcatcaa	1980
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agaattgttt	gaatattatc	ccattgaata	cccagagcca	ctaaatcttt	ttttactaga	2460
aaataattgg	gggccatatt	aaagtctcta	ttactgagta	gtgtcaatga	gggtgtggca	2520
aaatggagcc	tttcacatcc	tagtgggtgg	catttggttaa	tacagatata	agccttaaac	2580
tatgtaaaac	cttgtcctaa	ggaagtaatt	gaataattgc	ccaaagattg	tatgtatgag	2640
gctgttcata	ccagcactgt	ctaagctagt	aaaaattgga	aacaatttaa	gtatctagca	2700
cattggattg	gttataaagc	aaggaatggt	cacacagtag	gatattataa	gtatgctgat	2760
ggaaatctat	attgccagga	aaagctattc	attatgcgtt	gtgaagtcag	aaagtaaaaa	2820
agggtagata	gaagtattcg	aagtatagtt	ccattttttg	agactaataa	aacatagtgt	2880
taaaaggaca	ctaaaaactg	gagttataga	tatccagata	gaaacagtag	ttatcttttg	2940
gtagaagaat	aatgagtgat	ctttactttt	ttacttttta	ttcatctttg	tgttttttatt	3000
tatctaaaat	ggg					3013

<210> 3018

<211> 1063

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1064)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1028)...(291)

<223> similar to gi4850182 in the genepept database release 114,
Run with FASTXY 3.3t00,/default parameters

<400> 3018

cctttttttt	ttttttaaaa	caaaatacat	tatttttatt	caattccatg	attttaaaat	60
gcttttttatt	tttttctttt	tgcccccttt	acagggggaga	cgtaaagctg	tcccagttat	120
caaaaaattc	aaatctcctt	ttcttctgtg	gactggctgt	caatgagctt	tcattccagg	180
tgtctcccat	gttctgggaa	ctacttccag	atgttccctga	agcacttcct	gggtcaaaag	240
actctgctgc	ttccaggagc	tccatatac	ttccttcttt	ctcaaaggac	ttctggaata	300
ggctgtagat	cttctgctgc	tttgggtcct	tgtagaggta	atcagtggat	tctgtcattt	360
ctgaaaaatt	gggtctcagaa	agcccggctt	ctgccagaac	tttaattctt	tcttgaatca	420
ggggccaaag	gtagtcatca	gctgtgccct	ttgccacgag	gtagtgaatg	cccacggagc	480
tgggtctgtcc	aatgcgggtg	acgcgggtcct	cagcctggat	cagcaccctt	gggttccaaa	540
acagctcagc	aaacaccacc	aggtcagccg	aggagaaggt	gaggcccata	ttggcagcgg	600
tgatggacag	cacggccaca	gcatgcctct	cgcacagttg	gaactgctgg	cacaggtcct	660
cccgtcagc	tgatgaggtg	gagccatcga	tgcggatgtg	ctgcacgtgc	tttctctcaa	720
gctcttgctg	aattgcgtcc	aggaccacct	tatggtgtgc	aaatactaaa	aacttctctc	780

ttccactttc	cagtaggtcc	aagatatatt	caatgacaga	tgggatttta	gcttcagctg	840
ttctgttgaa	gaagagaatg	agggcatctt	tctgctgctg	tttagttttg	tccttggtgg	900
tcatttcctt	ggctgcagca	tccagggcag	ctctggctct	ggcattgatc	cgctcctggg	960
caatcaccac	tatcttgccg	tgcttggcag	gcagctggga	aaggacgtcg	gacttgaggg	1020
gccgcaggaa	ttcncccgcn	cttgccctatg	ttncacgtat	cga		1063

<210> 3019
 <211> 722
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(599)
 <223> similar to gi6684 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3019						
gcacgaggcg	acaggcacgc	agcctactag	gtgtggcggc	gaccctggcc	ccgggttccc	60
gtggctaccg	ggcgcgccg	ccccgcgcc	gcaggcgggt	atccccggtg	gccagagaga	120
agaggacctc	ctgaccccg	ggtggcagct	gggaccgcgc	tacgcggcta	agcagttctc	180
gcgttacggc	gccgcctccg	gggtgggtccc	ggttcgttat	ggccgtcgcc	ggagcagctg	240
cgggagctgg	aggccgaaga	acgcgaatgg	taccgcagcc	tggcgaccat	gcaggagtcg	300
ctgcgggtga	agcagctggc	cgaagagcag	aagcgtcggg	agagggagca	gcacatcgca	360
gagtgcattg	ccaagatgcc	acagatgatt	gtgaactggc	agcagcagca	gcgggagaaac	420
tgggagaagg	cccaggctga	caaggagagg	agggcccgac	tgcaggctga	ggcccaggag	480
ctcctgggct	accagggtga	cccaaggagt	gcccgccttc	aggagctgct	ccaggaccta	540
gagaagaagg	agcgcaagcg	cctcaaggag	gaaaaacaga	aacggaagaa	ggaggcgcgca	600
gctgctgcat	tggctgcagc	tgtggctcaa	gaccagcag	cctctggggc	accagctcc	660
tgaggctttg	tcccttccca	ataaagcctg	ctacctggca	gtaccctga	agaaaaaaa	720
aa						722

<210> 3020
 <211> 1180
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1181)...(915)
 <223> similar to gi1710216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3020
ccccgggggta aaaattttttt ttaattaaac cccggaaagc aaactttcca accgccaggc 60
tatggcggtt gtttttcccc cttttcccct taaaaatttt tttttccct aaaggcttta 120
aattttgag ggaggttggg ccaatttgtc cccccccaa aaaaaagggt ctttcccaaa 180
attcccaagt tggtttttaa aaggccccc ataaggaaaa aaatttttcc ttgccatccc 240
cggttaaatt tgggcccccc aagggttctt taaaaagggc cccccctttt tttttttttt 300
ttttttttgc atcaacattt ttattgaaat aaaaaaagt caaacggtga aatacatgat 360
tggtgccaag gaagtcatta agtgtgaat tgaacactgg attcacacag tacaagcacc 420
cgctccctgg ggtacagacc agtgggggac atgagaaaga ccaaatagat ccgaaaggct 480
ccccagtga tggggctgtg agcgacactt gatacacaaa ggagggcgga gagcagagca 540
gccctggccg aggctagaga ccaagggaact gatgaagaac cagcagcagc ccaggcccca 600
gggggctgga tgcactgctg atggtcttgg gagagccag cgaagttagt ccaggcccca 660
gcctggcttg cggatggggc tgggctggtc agtgaggatc cccacagtac gggctctgga 720
atcatcctgc ctggccaagg tcatgggggc agggctactg caggtaactc cctgtactcc 780
ccaaggacaa ggctgcagga agagggatcc ccaggaagga gtgtaattct acgagacagt 840
gggagtgaga tcagccatca ctggggccga ggttctttga aagacaacag ggctggcccg 900
ggcgagtggt ctcacgcctg gaatcccagc actttgggag gccgaggtgg gtggatcatg 960
aggtcaggag atcgagacca tcctggccaa catggtgaaa ccccgctctc actaaaaata 1020
caaaaattag ctgggcatgg tggcatgcac ctatagtccc agctactcag gaggctgagg 1080
caggagaatt gcttgaaccc agaaggcgga ggtgtgccga gatcgcgcca ctgcactcca 1140
gcctggtgac agagcgagac tccatctcag aaaaaaaaaa 1180

```

<210> 3021

<211> 2426

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (306)...(2347)

<223> similar to gi5264503 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3021
tttcgtaact taaggtatat taagcagtc ccacagacat gctgcctgca ctccacctgc 60
tgagctggct ctgaggctca ggagacgtgg ccctctgtgg tcccattgtc tccacgtctg 120
tggttaacccg gtgcctttct agagcaggca ggctcccggc atgggtggaa acagagcagg 180
gggccagctt cccccaatca ccggtgctgc tgtggaggaa gagcttgggt gcgctaggac 240
gtccttgtga atgtgacttg gaagagcagt ttgggatttt tttcattgcc tggggatgag 300
agggagagac aacgtgtgtc ttacacatct cccaacagcc gacttagatg tgatccgttc 360
tcccagaggg agcagggttc tttgaacttt tcctttttat gtacagcata gtgctgagca 420
gatcactgca ctgtgcagga gttttaacga cagtcaggcc aacggcatgg aaggaccgcg 480
ggagaatcag gatcctcctc cgaggcctct ggcccgccac ctgtctgatg cagaccgcct 540
ccgcaaagtc atccaggagc ttgtggacac agagaagtcc tacgtgaagg atttgagctg 600
cctctttgaa ttataacttg agccacttca gaatgagacc tttcttacct aagatgagat 660
ggagtcactt tttggaagtt tgccagagat gcttgagttt cagaaggtgt ttctggagac 720
cctggaggat gggatttcag catcatctga ctttaacacc ctagaaaccc cctcacagt 780
tagaaaatta ctgttttccc ttggaggctc ttctctttat tacgcggacc actttaaaact 840
gtacagtgga ttctgtgcta accatatcaa agtcagaag gttctggagc gagctaaaac 900
tgacaaagcc ttcaaggctt ttctggacgc ccggaacccc accaagcagc attcctccac 960

```

gctggagtcc	tacctcatca	agccgggttca	gagagtgtct	aagtaccgcg	tgctgctcaa	1020
ggagctggtg	tccctgacgg	accaggagag	cgaggagcac	taccacctga	cggaagcact	1080
aaaggcaatg	gagaaagtag	cgagccacat	caatgagatg	cagaagatct	atgaggatta	1140
tgggaccgtg	tttgaccagc	tagtagctga	gcagagcgga	acagagaagg	aggtaacaga	1200
actttcgatg	ggagagcttc	tgatgcactc	tacggtttcc	tggttgaatc	catttctgtc	1260
tctaggaaaa	gctagaaaag	accttgagct	cacagtattt	gtttttaaga	gagccgtcat	1320
actggtttat	aaagaaaact	gcaaactgaa	aaagaaattg	ccctcgaatt	ccggcgctgc	1380
acacaactct	actgacttgg	acccatttaa	attccgctgg	ttgatcccca	tctccgcgct	1440
tcaagtcaga	ctgggggaatc	cagcagggac	agaaaataat	tccatatggg	aactgatcca	1500
tacgaagtca	gaaatagaag	gacggccaga	aaccatcttt	cagttgtgtt	gcagtgcacg	1560
tgaaagcaaa	accaacattg	ttaagtgat	tcgttctatt	ctgagggaga	acttcaggcg	1620
tcacataaag	tgtgaattac	cactggagaa	aacgtgtaag	gatcgcttgg	tacctcttaa	1680
gaaccgagtt	cctgtttcgg	ccaaattagc	ttcatccagg	tctttaaaag	tcctgaagaa	1740
ttcctccagc	aacgagtggg	ccggtgagac	tggcaagggg	accttgctgg	actctgacga	1800
gggcagcttg	agcagcggca	cccagagcag	cggtgcccc	acggctgagg	gcaggcagga	1860
ctccaagagc	acttctcccc	ggaaataccc	acacccccgc	ttggcagatt	ttgctgacaa	1920
tctcatcaaa	gagagtga	tcctgagcga	tgaagatgat	gaccaccgtc	agactgtgaa	1980
gcagggcagc	cctactaaa	acatcgaaat	tcagttccag	agactgagga	tttccgagga	2040
cccagacgtt	caccccagag	ctgagcagca	gcctggcccc	gagtcgggtg	agggtcagaa	2100
aggaggagag	cagcccaaac	tggtccgggg	gcacttctgc	cccattaaac	gaaaagccaa	2160
cagcaccaag	agggacagag	gaactttgct	caaggcgag	atccgtcacc	agtccttga	2220
cagtcagtct	gaaaatgcca	ccatcgacct	aaattctgtt	ctagagcgag	aattcagtg	2280
ccagagttta	acatctgttg	tcagtgagga	gtgtttttat	gaaacagaga	gccacggaaa	2340
atcatagtat	gattcaatcc	agatatgggt	taaattcctc	attttacttt	taaactgggt	2400
gtaaagtgga	aattgcaaaa	aaaaaa				2426

<210> 3022

<211> 688

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (34)...(354)

<223> similar to gi2463265 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3022

ttttcggcag	aaggggcccag	ccttgagcct	tgtgccctta	acgcggggccg	gcccggcccag	60
gtgagcagct	atatggccac	ggtgtcgggg	ctcctcaaga	tcgtccaggc	cttcgtggcc	120
tgcacatct	tcggggcgct	ggtccatgac	agccgctacg	ggcgctacgt	ggccaccag	180
tggtgcgtgg	cgtctacag	cctgtgcttc	ctggccacag	tgcccggtgt	ggccctgagt	240
gtgatgggccc	acacaggggg	cctgggctgc	ccctttgacc	ggctgggtgt	ggtgtacacc	300
ttcctggctg	tgctcctgta	cctcagcgcc	gccgtgatct	ggccagtctt	ctgtttcgat	360
cccaagtacg	gtgagcccaa	acggcccccc	aactgtgtct	ggggcagctg	tccctgggac	420
agccagctgg	tggtggccat	cttcacctac	gtcaacctgc	tctgtacgt	cgttgacctc	480
gcctactccc	agaggattcg	cttcgtgccc	agcctgtagc	ccacagtggc	agcccaccca	540
cctctgctct	ctggccacca	gtccaggtt	ctgcgagggg	aactcaggtg	aaccaaagtg	600
tcaagtagcg	agcaggaggg	aagccgcggg	ctcaggggag	atgaagtaca	acgggagagg	660
tcgtccccc	acttccagac	tgggctcc				688

<210> 3023
 <211> 881
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (881)...(237)
 <223> similar to gi200547 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3023
tttttttttt ttgggcttca aatcaagttt aataaataaa acagcaaagg ggggttcaag      60
gcagttatca cttcacagtg tggtccttgg tggggtgagg gatggtcgag tccaactcgg      120
aaagggggctc gagcacaaga ggccggacga caccgggggc agggcgcgcc gccgcccacg      180
gaggacccca ctccaacgtg taaacagaaa cagaaacgaa cgagagggcc agggaggagg      240
gggaccagga ctccaagcca tcttgctagg aagcttccca cagaaggaag acctgcaggg      300
ctggggaaac aggctggagt ctggcccctg cgtggccagc agggccggct cctccggagg      360
ctccctgcct tggtagcggg ggaggacagc aaaggggatg taaatcacct gtctcctcaa      420
acccacgcct ggggttgctg agggacccca cccaaccgc tcaggatcgg ggagcagggg      480
tggaggggga agaggcaggt gggggtgtaa agtgcggctt ttcctgaagt ggagacgatg      540
gggtgggaag gcgaggctgg ggtggggggc ggacagcgag gtatatggct ctgtgccccca      600
cggggttggc actgagtagc agctgcccac gacccccagg gctggggcag cccgcggccc      660
tgccgggtgt ggagagacag agccaagcag ggagctgagg gcgccccggc ggaggctgct      720
ggtgccccgc agggcgctcct gcccgtctcc ccgccccggc agtgacgcct tccctcgctt      780
ctgctggctg gaagggaacta ggtggccggc tctgcccgga attccccgcn ctgcctaggg      840
tctcagtcna nggnetcagt gggcgctann ncngcgctc c                        881

```

<210> 3024
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (43)...(718)
 <223> similar to gi4490675 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3024
caagaatcca tactgaaaac tgtggggaaa cttactgcaa ctcaagtagc gaaaattagc      60
tttttttttt gctttggggg gtttttggca aatttgtcat atcaagaagc actttcaaac      120
ccacaagtgg ctatagttaa tattttatct tcaacttccg gactttttac cttaatcctt      180
gctgcagtat ttccaagtaa caggggagat agatttacc tttctaaact attagctgta      240
attttaagca ttggaggcgt tgtactggta aacctggcag ggtctgaaaa acctgctgga      300
agagacacag taggttccat ttggtctctt gctggagcca tgctctatgc tgtctatatt      360
gttatgatta agagaaaagt agatagagaa gacaagttgg atattccaat gttctttggg      420
ttttagggtt tgtttaatct gctgctctta tggccagggt tctttttact tcattatact      480
ggatttgagg acttcgagtt tcccaataaa gtagtattaa tgtgcattat cattaatggc      540
cttattggaa cagtactctc agagtctctg tgggtgtggg gctgctttct tacctcatca      600
ttgataggca cacttgcact aagccttaca atacctctgt ccataatagc tgacatgtgt      660
atgcaaaagg taaggaaact atttattatt catagatatt ttaggtgtgt tattaaaaca      720
aacctaataa aagttgagat gtgattaaat tataaggata caaacataaa taataactga      780
tg

```

<210> 3025

<211> 1366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1367)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1363)...(896)

<223> similar to gill195548 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3025
tttttttttt ttctttggat tgaatgcttt tattgtttta acacagataa cgctatggcc      60
atgtaatctg taatctctga tttccaaaat gtgaaccaag aagtataact caacttagtc      120
ttataaaaaa tacgatattt tccctcatgg aaaaaaaaaa cagaaaatac tacatgggtt      180
ttttgttttt taagtttttt cctatactac tgggtttaa cactgtaaca gaacaggaat      240
atgtaaggca cattctggaa cttacatct aagattaaac tacttatatt taccttaata      300
aatttaaagg caaaatacag ctctttatcc aaacagactt ctttcagaac aatctttccc      360
aaaatattta atacaggtga tttctgttt ctagaaaaga ctagagtttc caatccttcc      420
cacctgaaca aaaacaccac tctctgacta tcacccaaag agaaaagaag aaagaaaagg      480
cctttaggat gcagtgggca cagactgtaa cacccagaca cagaggaaag tcagtctgcy      540
gagggagcct ggaatccagc ctccacagct tectgagggg tgtgctggag gccacctgtg      600
gacatgttca ggtgccgagc acaaccagtt tgtggagctg gtagagaaag gtgttcttcc      660
ctctgctgct ctcacggctg gctgctcca tgaccagctt tggatcaacc tgattccact      720
cgtagggcct ttcatgccac ttgggaacaa tcttctccct tgggtttgac tgacagaaca      780
aacctaaaag cttctgacgg gcaatgtctt gaagctgcgc aactctctct ggcccaagac      840
acttgcattc atttgggtcca tcacagacta gcttgttaat agcagccctg agaattattaa      900

```

cctcgacgac	atcctccacg	ctgaattgaa	cgtcaaacgc	aagctccatg	tcgtgctcgg	960
gcagtatgga	agccccctgta	gctggattcc	accccaaacc	acaaaggact	ccagtatagt	1020
acttgccatt	ctgatcaatc	cttaactcta	tcaccgggtgc	gaataacatg	ctgaggagag	1080
ccgggaggcc	agggatatga	ggcatcagag	aggtttctct	cagcagcatc	gtagatcctg	1140
ttcaagtcac	gctaaatcaa	catcgggcat	taactcacgc	tgctcagggc	agcgttccct	1200
ccgggcccgc	tcctactcat	ctgcagggtat	cccctcctct	gctgagtctg	tccagtcccc	1260
acaggccccc	cccaatagta	acgcacactc	cctgttctct	gtttccacag	taccgaattc	1320
caccacatgg	actaggagtc	gtcaatnnnn	ncaatggtct	caaccc		1366

<210> 3026

<211> 1438

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1439)...(274)

<223> similar to gi5912548 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3026

tttttttttt	ttagtatttta	taatcattta	cttgtagcga	actgtttaaa	gttaacactt	60
gttttaaattt	ttttacacta	tagcatttat	gcaatggttt	acagaattca	tggagttatt	120
tttatcagta	tgggaattaa	ttaaaacctt	gaatctttgt	tttgtctgct	tctctgagca	180
caagcctggt	cagctggtcc	ctgcgggtcc	taccagccag	cttctctgta	gggctctcgg	240
ccgcgtccac	ctctgctctc	ccaccacaag	gtcacaaact	cccacgcagt	cctgggtcac	300
cccgacagctg	ctctggagac	ttggctctgg	gcgtctcgtg	gcccagtg	tccaagttgg	360
aagtttctgt	gggcctcgtg	taggggatgc	cgtgctgggt	gagcaaacct	ttcagccttt	420
tgatctcctt	tgagagttct	ttatgagcct	tcctgcagtt	ttccagggtc	tcaaacccca	480
agctgtcagg	acctccctcc	agctgggtgg	gttcattttc	ttctggggtc	tttaagtagc	540
cagcatcttc	aaaaagtgtc	ctcagcaact	tctcatggcc	ctgggggggtg	atcagctcat	600
cggccaggte	ctgctctacc	tggtccctact	gccgctgcag	ggcctctggc	agggttgggt	660
acactagcaa	ggcgtggggg	tggcagacga	gggggggtctc	gaacgtcagc	gcgtagacgc	720
aggtgctcgg	ctcggacaca	tgggccagcc	ggttgctttt	tccacacgcc	agctccacct	780
tgctctgccg	gctccgggaa	cggcaggcgt	caccgtccct	catccacatg	cccgtgaagg	840
tgttgttggc	gatctcccac	tcgtgccaga	tgccgaggat	cccactgtag	gcgttccagc	900
ggaaggctctg	ctcgtgctgg	gtcacgttgt	ggaacgggca	gaactcatac	ttgtacctgg	960
ggacacagat	ggcatgaggg	gggtccgcag	gctgcgcccc	agcccacct	cgcacccacc	1020
ctgcactcac	gtggactcca	ccaggctgaa	gcacttgccc	gagagtcgga	agagatgcac	1080
gggtcctgga	agagacctca	cactgatccc	cagggtccaa	gcacagaacc	tgtctgcaaa	1140
gacgtattaa	taataaagtc	gaggccgggc	gcgggtggctc	atggctgtca	tcccagcact	1200
gtgggaggcc	gaggcgggca	gatcacgagg	tcaggagatc	gagaccgtcc	tggttaacac	1260
ggtgaaaccc	cgtctcagac	acgggtgaag	gatccctctt	ggcctggagg	cgactggcct	1320
gaggcaagaa	cgggttggtc	accccaaacc	cgttgggctc	ctccccacc	ttcattttctg	1380
ctgcacctgc	cggcgcgggc	ccgccgaccg	agagcccagag	gagcaacagg	agccgcgc	1438

<210> 3027
 <211> 1415
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1416)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(774)
 <223> similar to gi4235142 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3027
agcttttaac tggtoctcaa tccttactga acataagaga attcatactg gagagaaccc      60
ctacaactgt gaagaatgtg caaagccttt aatcgggtgct cacaccttac tagacataag      120
aaaattcata ctgccgtcan acgctataaa tgtgaagaat gtggcaaagc ttttaaacgg      180
tgctcacatc ttaatgaaca taagagagtt caaagaggag agaaatcctg caagtataaa      240
aaatgtgggg aagcttttaa tcactgctca aaccttacta cgtaagaatt tttactaaag      300
agaaatccta caaatgtaaa gaatgtggca aattccataa atcttgctca aggcattgaa      360
atcacaaagt aattcatact ggagagaaac actacaaatg tgaagaatgt ggggaaagtc      420
ttcaaccatt gctgacagct tattgcacag aagaaaattc atgctgagaa aaattctgat      480
tttaaagaat gtggcaaagc atttaataac tactatgaac ttactcatca gaggttttgt      540
gctagataaa agcaatgtaa gtgtaatgat acacattaca tttatctgtg gaaagatgtc      600
accaaataaa agccttagag tacacaaggt gtaatgatag tgatacatta catttgatca      660
tggaagact tcaaaaatat aagccttaga gtacacaaga gtttttatac tgaagaaaaa      720
cattacaaat ataaagattg ttgcaatact tttacttatg ttacagattt tgttgatcat      780
aggagaattt atactgaaag gtaaccctct aacagttgct caaattttat tccatttttag      840
ataatttaca ttggaagaaa accctacaac tgtaatgaat atgaaaaaaa ttgtttaaaa      900
agtacacctt agaaaacact agtttaaggc cgggcgcggt ggctcacact tataatccca      960
gcactttggg aggccgaggc aggcggatca cgaggtcagg agatcgagac cacgatgaaa     1020
ccctgtctct actaaaaata caaaaaatta gctgggcatg ttgtcgggtg cctgtagtcc     1080
cagctactgg gagaggctga ggcaggagaa tggcgtgaac ccgagaggcg gagcttgacg     1140
tgagccgaga tcgcgccact gaactccaac ctgggcgaca gagactctgt ctcaaaaaaa     1200
aaagaaagaa cgctagttta tatgaaagca tttaacagat gcagtaaata taaaaaatta     1260
ataaaaaatt aagtctaaat gaacatcaga agattcacag tagaaaccac taagacgcta     1320
acactttcaa tgttattcta aatcagggca ttgattataa agagtaattc aaggttaaca     1380
taatttagtt agcctaaaca gaaataggag attat                                     1415

```

<210> 3028
 <211> 2964
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(2181)

<223> similar to gi5817167 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3028
gaaactccta ggcagcagag gccacgact acttcctcct gagtgcggtt cagtggcctg      60
tgtccaggct ctgaagggtt ccaagaagct ggtgctgtct gtgtactcag cagggcgcat      120
ccctgggggc tacgtcacca accacatcta cacctgggtg gacccgcagg gccgcagcat      180
ctccccaccc tcgggcctgc cccagccccca cgggtggtgcc ctgaggcagc aggaggggtga      240
ccggaggagc accctgcacc tcctgcaagg aggggatgag aaaaagggtga acctgggtgct      300
gggggacggc cgggtccctgg gcctcacgat ccgtggggga gctgagtacg gccttggcat      360
ttacatcact ggcgtggacc caggctctga agcagaaggc agcgggctca aggttgggga      420
ccagattcta gaagtgaatg ggcggagctt tctcaacatc ctacacgacg aggctgtcag      480
gctgcttaag tcatctcggc acctcatcct gacagtgaag gacgtcggga ggctgccccca      540
tgcccgaccc actgtggacg agaccaagtg gatcgccagt tcccggatca gggagaccat      600
ggcgaactcg gcagggtttc ttggcgatct cacaacagaa ggaataaaca agccaggatt      660
ttacaagggc ccagccggct cccagggtgac cctgagcagc ctggggaacc agacacgagt      720
gctgctggag gagcaggctc ggcacctgct gaacgagcag gaacacgcca ccatggccta      780
ctacctggat gagtaccgtg gcggcagcgt ctctgtggag gccctcgtca tggccctgtt      840
caagctgtc aacacccacg ccaagtctc actcctctct gaggtgagag gcaccatttc      900
cccgcaagac ctagaacgct tcgaccacct ggtgctgagg cgtgagattg agtccatgaa      960
aggcgcggca gccccaggc cccggggctg ggaacacct agttccatgg tgttccata      1020
gttgacacgg gtttcattcc acaggcagcc agggcacctc caccacgctc agctcggcca      1080
ggaacactct ggacctggag gaaactggcg aggtgtcca gggcaatctc aacgcctctc      1140
cagatgtgtc cgtggatgat gtcagatcca cctcccaggg gctgtcaagc ttcaagccac      1200
tgectcgccc accacctctg gcccaggga acgacctccc actaggccag ccaaggaagc      1260
tgaggagaga ggacctccag ccaccttctt ccatgccttc ctgtcgggc actgtcttct      1320
cggctccaca gaaccgcagc ccgcccagcg gcaccgcacc caccgccagg acctcctctg      1380
cacaggactt gccctcttcc cccatctatg cctccgtctc ccctgccaac cccagctcca      1440
agaggccgct ggacgcccac ctggccctgg tcaaccaaca ccccatcggc ccttcccac      1500
gggtccagtc accccgcac ctgaaaagcc cctctgcaa ggcacagtg gctgggggct      1560
gccttctgcc cccatcacc tctggccacc cagaccagac aggcacaaac cagcactttg      1620
tcatggggga ggtccaccgc cccgacagcg agccagacgt caatgaagtg agggcgctgc      1680
cccagacgcg cacagcctct acgctctccc agctctcgga cagcgggcag actctaagcg      1740
aggacagtgg tgtggatgct ggcgaggcag agggcagcgc cccaggccga ggaagcagc      1800
cggcgctccac caagagcagg agtagcaagg agctgcctcg gaaagagagg cccacagatg      1860
gggccaacaa accgcctgga cttctggagc ccacgtccac tctgggtccgt gtgaagaaaa      1920
gtgcgggcac cctgggcacg gccatcgagg gtggcgccaa caccgcccag cccctgccta      1980
ggattgtcac tattcagaga ggcggctcag ctcacaactg tgggcagctc aagggtgggc      2040
acgtgattct ggaagtgaat gggctgacgc ttccgggcaa ggagcaccgg gaggccgccc      2100
gcattatcgc cgaggccttc aagactaagg accgtgacta cattgacttt ctggtcactg      2160
agttcaatgt gatgctctag aggccaaagg ctgagggcct cccaccactg cccagcccct      2220
ggtcccagtc cctttccacc gttggcttca tcaagctcct tgcggggttg gggctgcatg      2280
gccagggtgg caggaagaca tccccctcc atcccagccc actggaccag aactgggaga      2340
ggaagagagc aggacaaggc agacagaagg tcaggtcagg aactggtgct gtactgggta      2400
cacagtaggc gccaggaca agtgggttgc aagacaggaa gaaaggaaaa ggaagggcag      2460
agtgtggtt tctccagggt ggggtggggg cactgctgtc cccctccag ctaggacca      2520
gcccattccc agatgcctga gcctttgtcc aaagtgaggt cactcgagaa ttcattggaca      2580
cggccccag tcagggggca tcttgcaaga cctttagtgc cacaataag catcgagcac      2640
ctccccattc acacccccat tcctcctggc tccttatccc ccatggtgtt tattatttat      2700
ttccctcccc atgcccctgg ggaccccagg gcccagctt cctctgcac cccagccta      2760
tcccagaggc cttgcaggtg accagcagtg tcattgtatt tatatacaga gcttatgact      2820
ttaatttttc aataaagaaa tctgaacaag gttagaaaaa aaaaaaaag ggggggcccgt      2880
tttaaagaac caaatttaac gtccgggggc tggcaaggga aaagtttttt tatagggccc      2940
ccaaaattaa ttccccgggc gggc

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```

<210> 3029
<211> 2465
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2466)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2465)...(678)
<223> similar to gi4240271 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3029
tcctctgtcc cttggctata ttgagatcct gacgatgcct accaagctgc ctcttatgta      60
ggatccagaa ccagtgggat gaaagagcag caggtaggct ccaaagagct gatagcactg      120
ggggcttcat gacccatagg acatgagctg ggaccccatc atctcccttc agactagggc      180
actttcaggg tctctcatat ataaacacac atacacacac atacacaccg caaatgatgg      240
ggagggggagg tggccccagc atgtggtgga tcacagtcac taagtctact tacttattat      300
ttatttttaa aatatattta aacagcagca gtcacttcca aaatgcaaaa aaaattataa      360
tttttagaat aaaattataa tgtttataat gcgggtcaga agaattgaag gtacaacaga      420
atcaaatac gacgactgg aggcggctgg agaagccaaa gccactgggt caggggtcca      480
agctgacaag aagtcccaac ctgagaggct tccacacca aatcataccc ctcagcttcc      540
cactgacaga gccagtgtcc tctgggttag agaaggagaa gcggcaagga gctggccctc      600
tgtgtgggtg tcccaaacc agtccccccc atcagccagg gacctgctaa tccacctcct      660
ccatgttgct gtaggtgggg gctggccgat ccacaggggg ggccaagcgt tcaggggctg      720
tccgcgtggg ggccacctcg ggggacctgg cagggcctag tccctggctg gcagcagcct      780
cagctgcagg gcctaggtct ggggtggtgt catagtgacc tgccctgggg ggccctccca      840
caggagagtt ccgccggcgg tagaagagta cataggcata acgcgtcaca acctggctct      900
cgtctaccgt tgtcactgtg ctgtcatcaa acaagcgcca gccacgtca ctgcgtgac      960
tgctacgata attgggcagg cgtgcacagg cagtgtagtg gccaccaatc atgcctccat     1020
agtggttgat gacagcatat agatcgtagc tgggcagctg ctctcttttc tgaccaatgc     1080
agaacttgct caggtccagg ttcctaacag ggaactccac caagtcattg atcttgtcac     1140
gccagataaa actacgaaag gagaagcgct tgagctgcac gatgagaaca tttggcaggc     1200
gccatagcaa cagctgcttg gaggcctcac ggtgctgttt gcaactgtgg cagtaccagg     1260
cctcctcggg tgccagcacc tcaggccgtg tgaagaggtt gaggcactgg tccaggggtga     1320
agtggccggc cggggcagcc tcaccggcag agcctggatc ctacgcacat tccagctcct     1380
tggaggctac caacacaaac tctgcaagc gctcattgtt ccgccagacg agagccaggc     1440
tacagtcgtc acccagctcc agtggggtgt ctctttgtc ctctagccgc tgcctcgggt     1500
tggatgaatc aattttatag atgaagaact ggggtgtgtg ggcattcata gcttcaactg     1560
gatgctggta cccaggcaca gcagcttcgg gtcgggacac cctctcgcca gctggcaagg     1620
agccaacctc aatgggcca ctggccagca tctcagaaga aattccactg gtgctgggca     1680
caggaccccg gtcagggggt gccacacccc ggggaagccc tgtgtcccc tcagccatag     1740
gggtcaccag ctggagctca ggtggtgaa tggggtctct ctcgctgtcc ccagcctcca     1800
gggaacctgt ggagagcagt gtggtgcagc cagggctctg agactccaag gccatgcggc     1860
ctggctgaaa ggggtggtgg aatacactca cagagtaccg ggcatagcc tctagcaact     1920

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gagcgaggcg	ggcataagt	aggcgtgagg	caggtacact	gaccaggaag	gggtagccaa	1980
tgttctcagg	tcggcagagg	cccttgtggt	caggccagt	ggttttctgg	cagagctggt	2040
tgcatagcc	cacacggtag	caccgggtac	agcgcttcag	cttttcatcc	tccgactggt	2100
gcttccgctg	gcaggctgca	cacttgga	tggggacgct	gggcacctgg	gggcgctggt	2160
gcacctctag	caccactacc	cgctccttag	ccaactctga	ggatagcagc	tcaaagcaga	2220
ggagcgatc	agatggggac	acagtgtcca	gtgagtggga	gggtaggaa	acacgatgaa	2280
aacgattctt	aattacctcc	gccaaacgca	ggttctcagc	gcttcacatg	cacactctga	2340
gagagggagt	ccaatacttc	gctcgagtg	gagttctcct	tgctgacgct	cacaggaact	2400
tgtgggctta	atntcggtct	ntgcgggcnc	nntaanntgg	tntcagggtt	ncacgnnnng	2460
aaccc						2465

<210> 3030
 <211> 1010
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1011)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (943)...(280)
 <223> similar to gi3114816 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3030	
tttttttttt	ttgcagagga actgactcat ttatttgtgg atccaatgct ctcttcccac 60
tgtaccggtc	ctaatttact gcagccgagc tcttcacatg ctggactatc actccatata 120
agggttgcgg	tcagtgggca ggggtctggg tccaaggccg cagcaggagg aactggacag 180
cggaggaagt	agctagggca tgtgcttggc cactgcctc cagcacccca aatccctgcc 240
tgaggctggg	gagagacctt ctgccggcgg ctctcaggc cttcccggac ccggcctaag 300
gaggccaagc	ggtttctctt ggcggagggc tcggtagtcc tcccggatct tctccagggt 360
gctgagggtc	ttcttgccca gctctgtctc gatctgctcc tcgagggtctc gaacctcccg 420
catgatggtg	cctgtgtcct cgatggtctg gatgagctgg ctgcagttct cgtgcagagc 480
agctagatac	ttataggcct tccgaacagc atcgctcttc ttggcatcct tgaacacaag 540
ctcatcagtc	accgcaaacy tccggtccag cttcccagat agggagttga tttccttctg 600
aagctccttc	gtatcagaca agatcttggg gatctcttcc ttctgcttcc ggatgttgcc 660
cacgatctcc	aggatgcgct ggggtgtaggc cagccgggac acatctctgg gcagagtctc 720
cagctctgac	atctaggcag ggatatagca ggcactgcc caggaccatc cccccaccct 780
cttaagctac	ccaggtccct cacacaggcc ttaccagctg cttatagacc tctccttcc 840
tgccggcctc	ttcagcagcc gcccgacac tctggtgcag ttcttggatc tctgccagcc 900
gtcgagaaga	ttccagctct ctgcaatcct gcagctttcg ggaattccac cacacggagt 960
agtgatcgaa	annnnnnnnn nanggtgttc gagcnnnnnn nttctcatct 1010

<210> 3031
 <211> 1835
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1836)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1835)...(410)
 <223> similar to gi5441615 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3031

tttttttttt	ttaatcaaaa	agttttttta	atttatgtaa	tgtctcatta	atatataagc	60
tttttccttg	tttcatacaa	aacaggactc	cacacactta	ggatggaaat	ccacacactt	120
aggatttcca	accattttac	atgatgcttg	atgaaaatat	ctttttatat	cacttttatcc	180
atacaatact	ttagtctttt	aagagaatac	tgaaaatagt	ccgactttca	aatttttaagt	240
gcaataatta	gtatggttta	ttgatattta	ggaagggcat	gtaatgttct	tagaaaaaga	300
actttatttg	gaatgtaaga	ttttattcgg	gataatcggt	tcttatgcct	taaattccct	360
tagttcaaat	aaactaatgt	taaagaatta	tggctgtttt	ttaccaaagt	tctctacaat	420
tgtatgatta	ctctccaaca	taacttcaag	atggttgagg	aaaataaaac	aggtagtctc	480
tgaagttttt	ccacaggaac	agcacgctaa	gtgcttcttt	ctggagtatt	tttgtgacac	540
tgaatcgcca	aagaaaagct	tcctatagag	ttaacagaga	cttctcttgg	gctgaaggct	600
gcttggtggg	tccacatgca	gtctctgtga	gaatgggatt	cttggtgcag	ccatgggtca	660
caacttttct	gtgcactttt	ctggtgctgg	attaggtggc	catgctggtt	gaaggcacgc	720
ccacactccc	cgactcata	gggcttctcg	cctgtgtgga	tccgctggtg	ctggatgagc	780
actgagtact	ggctgaaggc	cttcccgcag	ctattgcact	catatggctt	ctcgcctgtg	840
tgggtcctca	ggtgcacaat	cagagttgct	ttcaggctga	aggctttgcc	acattctgtg	900
cactggaagg	gcttttcacc	tgtgtggatt	ctctcatgct	ggatcagaga	ccggcgtgca	960
ctgaaggcgt	gcccacattc	accacacaca	tagggcttct	ccccagtgtg	gactctctgg	1020
tgctggatca	ggtgtgagtg	ctgaacgaag	gccttcccac	attcgtagca	tgcataaggc	1080
ttttcctcgg	tgtggatccg	ctcgtgattc	atcagtgtgg	agcgggtggc	gaaggctctc	1140
ccacactcac	tgcactcata	gggcttctcc	ccggtgtgca	cgttgtgggt	ctgaatgagg	1200
actgagcggg	cgctgaaggc	cttcccacac	tcgctgcacg	tgtagggtct	ctccccgggt	1260
tggatcctct	ggtgctgcag	cagtgtcctc	ttcacactga	aggttttccc	acactcattg	1320
cacctgtgag	gcttctcccc	agtgtgtacc	ctctgggtgg	tccgcagaac	agtgtctatg	1380
ttgaaggctt	tcccacacaa	cggacacaca	tatggccttt	ctcccgtgtg	gatccgctgg	1440
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ttctctcctg	tatgtatctt	gtgatgctga	gcaagatctg	agctcactct	aaaggctttt	1560
ccacactcat	tacactcata	gggcttctca	cctgtgtgaa	ttctcctgtg	tttactaagg	1620
actgagctct	ggctgaaggc	cttcccacat	acactgcaca	catagggtct	ctctccagtg	1680
tggttacgct	gatgctgaag	gaggtgggaa	ctccggccaa	agcacttccc	acactcaaca	1740
cacatgtagg	gcctctctcc	acgtaggnac	tgctgtgtgc	ggagtgaagt	gcatgctttg	1800
gcttaagacc	tgaacttcac	ggtggtcaac	agagt			1835

<210> 3032

<211> 1031
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1032)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (769)...(253)
 <223> similar to gi6678 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3032
tttttttttt ttgaaaccga gacaaccttt aatcaggaaa cctcagagag acgcatgaca    60
cctggcggtta cagtcaccagt gagtggaaac ccagccggac gcaactcttc ctccaggaga    120
acttggcagt  cccaaccctt ctcaaaagat gagccagcca cgcggtccag ggaggatgct    180
gacagtggaa  acgacttcct ccattcttac agcacattcc aaacacttct tgggaacaag    240
gttacatcca  gccttggggg tcttccatcc tcaccagggc ccctgcagga gggagcccag    300
gcatccccac  caggttcacg cttggagctg ccctgcacac accctggggc actggcagag    360
gtcctctctc  cagagtctcc cggacacagt gacctctta catggtggac tcttcccccc    420
gagaagcccc  cactgggggc tgctgggggc caggggtgggt ggtggctgca agggctgtgg    480
agagtctaga  ggtggtggga gaaagcacgc gaggcccgag gagggtgatg ggggtcttcg    540
aggggctggg  gtccatcatg gaaagtgtg aagcttccgt caggagggtg ccaggcagag    600
gaggccacct  ggacactatc tgggccccag aggctgagaa cgagcgctct ggagtcacag    660
gaggtggctg  aggagcccct ggggaagcta gaggtagagt gggggctcct ggaggggtcg    720
aaggccctgg  tgagagtcga ggggaggccc caggctcccc tgggaaagtg gctgtcagcc    780
ccaaagcgag  tgagtgtgga ccatgagctc ctgccgggct tgtaggtaaa gtctgtgttt    840
tcatcaagtt  cgttcttaaa aggagctgga ggagatgaag ccccggcctc gaggggtgatg    900
ccgtcggggg  cccaggacag gagctacagt tgacaggggc ctcagtgtct ccatgcaggc    960
tccgaccagc  tttgccgaat gccacatttc cgaattccnc cgcntggact aaggtcatcg   1020
aaagtcgaag  g                                     1031

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<210> 3033
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (730)...(721)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3033

tttttttttt	ttatgattaa	tttgttttct	ttattgcaaa	aaaaaagaat	taaagaaaaa	60
aacatttggt	caaaagctac	ctcaaaagtc	ctcctaccaa	acatgatttg	gcaatctttt	120
tgcattgatta	gtatgatggc	agtaggagct	ttgtttaata	agcaaacatg	atgaaaattc	180
caaaaggtgc	tatgcaaaag	atcagaagga	agatgttttt	cctgagaccc	tctgccaact	240
gttacttctt	ctgatgcctt	tcctgcttct	tgaacaaggc	ttaagacagc	ttctctgttc	300
catttctgac	cactatgtgg	caccagaac	tttgaagtag	gaaatagaaa	aaaatctgct	360
taactagtga	tttgctgtga	atctttaatc	aatgcctctt	aaaaataatt	catttatggc	420
cgggcgcagt	ggctcatgcc	tgcaatccca	gcacctggg	aggccgaggc	gggcggatca	480
cgaggtcagg	agatcaagac	catcctggcc	aacatggtga	aaccccgctt	ccaccaaaaa	540
tacaaaaaat	tagctgggca	tgggtgtagg	tgctgtagt	cccagctact	tgggagtctg	600
aggcaggaga	atggcgcgaa	cccaggaggc	ggagcctgca	gtgagttgag	atggggccac	660
tgcacttcag	cctgggcaac	agaccgagac	tccatctcaa	aaaaataaat	aaataaataa	720
aaataattca	tttatttttt	tcagtgattt	ggaatatggt	ggct		764

<210> 3034

<211> 1674

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1676)...(1379)

<223> similar to gil872200 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3034

agtactagct	tcagaaggaa	aagcttttatt	ttctcagaga	aaaggggtggt	agattaagga	60
aatgaccag	catgttggt	ttttgttggt	gttggtggtt	aggtgtacat	ttaaatgctt	120
atcaaaaagg	aaacattgtc	atgtcaaaag	ccactgcagg	ggaagcccag	aggtggctgt	180
aagcaagcag	atcacaagtc	ctttaagaag	ttctttcaaa	tagcagtaga	gctcagaggg	240
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caagaataat	attgacagac	ctgcttttta	agcagtatct	tttccctcta	atcagctgag	360
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gaacttcagt	gtaactccaa	ttttctaaga	gaactaatca	tattgctgct	ttataaaaaa	480
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atggtgaggc	aggagaatca	cttgaaacctg	ggaggcagag	gttgtggtga	gccagaattt	1620
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<210> 3035
 <211> 1640
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1643)...(917)
 <223> similar to gi861406 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3035						
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ttaggctaca	acatgggttaa	ttccaagtca	cttcataatt	tgcaagttct	ttgctcctat	180
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gagcaaaagt	gctttgtctc	ccccctttcc	aaaaacaagg	aggggggata	gggctgtagc	300
aagaagggcc	agctgctcta	gagaaaatgt	ggcagtagca	gggtaaatgt	tagcatcctt	360
aagcgggtat	cttcagccag	caaccctggt	gtatgggggc	tagtgacggt	aggatttcat	420
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caggtttggt	ttccctaact	ggaaaatgga	gataaaaaaa	aaaaaattcc	atcccccaagc	540
tgctcctttca	atgctcccc	agctggctctg	ggcacactcc	ttcctcttgc	accccttaga	600
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atcgataatg	gtattgtctt	ctaataaggc	ttcaccact	agtcttgctt	gcatgcatcc	1560
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<210> 3036
 <211> 4100
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4101)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (4102)...(386)
 <223> similar to gi4914619 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3036

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agaagacaaa	gcagcggcca	cccaaattggg	ctccccctctt	gccccaaagtg	aaagccgaga	180
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gcttgcaagt	acagggcggg	cggcccaggg	cggcccatgg	ggccgggggtt	tgaaggggaa	300
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cggggcccca	ggactcaggg	gcaccaacaa	cgcgggtaag	ggggctggcc	tggaatggg	420
cttcgtcccc	cccaatttga	cccaccagtt	gtgtacttcc	ccctttgtcc	ttgaagcagg	480
taaggacact	cctgtagagc	caggctgccc	gacgtgcttt	aaccaggatc	tcctcggcag	540
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<210> 3037

<211> 3428

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3429)

<223> n = a, t, c or g

<220>

<221> misc_feature

<222> (10)...(2790)

<223> similar to gi5870866 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3037

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acaactatgg	aaagtatatc	taatacgtct	acgcagtcct	tcacagcaga	aacaaaggac	180
atagctttgg	aacctaaagg	acaaaaacat	gaagacaggc	agagcaatac	accttctcct	240
cctgttagta	ccttttcac	aggtacttct	accaccagtg	atattgaagt	tttagatcat	300
gaaagtgtaa	taagtgaag	ctcagcgagc	tcgagacaag	agactacaga	ttcaaaatca	360
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cagacatcgt	cgtagggagaa	attagagaag	aatctttctg	ataggcttg	tgaatcccag	1920
accttgctgg	cagcagcagt	tgagagagaa	cgtagcagcta	cagaagaact	ccttgctaag	1980
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ctattaaatt	ttaaactaat	ttttttccc	tttaaaagta	aggagtcaca	ctggacactg	3360
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ttttcacc

3428

<210> 3038
<211> 826
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (719)...(150)
<223> similar to gi3875920 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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caaacacagc aggacttctc ggcccttcag gttccttcag ggacgccctg agctgtccat 540
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<210> 3039
<211> 1091
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(574)
<223> similar to gi220637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3039
acgtttttccg caccagttgt aacctcaaaa gccacaagag gattcacacg ggggagaatc 60
accatgaatg taatcagttg ggaaaagctt tcagcacaag gtcctctctc actgggcaca 120

atagcattca	tacaggggag	aaaccttatg	aatgtcacga	ttgtgggaaa	accttcagga	180
agagctccta	tctgacacag	cacgtaagaa	ctcactactgg	agaaaaaccc	tatgaatgta	240
acgagtgtgg	gaaatccttc	agcagtagct	tttctcttac	tgtgcacaag	agaatacata	300
ccggagagaa	accctacgag	tgcagtgact	gtggaaaagc	ctttaataat	ctctcagctg	360
tgaagaaaca	cttaagaact	cacactggag	aaaaacccta	tgaatgtaat	cattgtggga	420
aatccttcac	aagtaactcc	tatctttctg	tgcacaagag	aatacataat	agatggatat	480
gaattactgc	aggaacttct	ggaggaaaagc	actcattgat	ctttcatccc	taagatagtt	540
tgagagagct	cacactggat	atataagtta	tttgttgcag	cataacaaat	gatccccgca	600
aattttgtgg	cttcaaacac	gaaatgttta	ttctctaaca	atttctacag	atcaggaatt	660
caagaacagc	ttatctctgt	agttacactg	caggatctct	catgccttta	cttacaatca	720
agatgtcagc	caaagctata	gtcatctaac	atctttactg	atgaacagtc	cacttccaag	780
atgacttatt	cacatgcctg	gaaagttgat	gttggttggt	gtcaggggac	cttcagtcac	840
taccatgtag	gcctctttac	aaggcccagc	tccttgacaa	tttggcaata	agttctcgcc	900
aaggtttagt	atccaagaga	ggaccaatac	agaggccaaa	atggctttta	tggcctatcc	960
tcaggaggac	tgctaagctt	tcacttattt	cctatttgtt	tggctctaca	acacaccaat	1020
cctgatacaa	tgtgagagac	tgcagaaggt	atgaatacca	ggaaacagat	aactcagaag	1080
catctgggaa	t					1091

<210> 3040

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(647)

<223> similar to gi2072969 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3040

aagctaaaag	tctcagcata	gaagctataa	aaagaaacaa	gtggaaattg	tagcactgaa	60
aatacaataa	caaaattttac	tggaaggtct	caacacaatg	aagatgactg	aggggaagagt	120
cagtaaattt	gaagatacat	gagcagaaat	tatctagtct	gaatgacaga	gaaaaaagtg	180
aaaaaaatga	gaagaccttt	ggggatctgt	gggacaatat	gagacagtct	aatattcatg	240
tcttaggagc	ccagaaagaa	caattggaag	aaaaaaatat	ctgaagaaat	aatagctaaa	300
aacttccaaa	catctggcaa	aaaacaaata	ttcacataca	tttacataac	attctattta	360
aagccggtct	gctggcacag	caaatcccaa	aaaggaaaac	cacaccagc	cacatcataa	420
tcaaagtgat	gaaaccaact	gtaaagaaaa	tactttgaaa	acaactggaa	gaaaacaaca	480
ctttgtatat	aggagaacca	aagatttcag	tgatggcaga	tttctcatca	gaaaccatgg	540
agcaacattt	ataaagtgtc	tttaaaaagc	aacaaaactg	tcaacacaga	atcctttatc	600
cagcaaatat	attcttttagg	aaagaaaatg	aaataaagac	attttctttt	ttttctttac	660
tttttttttt	ttaataaaaag	ggagtctcac	tctgttgcac	aggtctggaat	ggaggggggc	720
gatctcagct	cactgcactc	cagcctgggg	gaacagagtg	agacttcatt	gttgaaattc	780
gtgtccact	ccagcaactg	ctttcaatcg	gagttccatc	ctccgccgca	gtatgcctta	840
acgcagcggt	atcttcagag	ctaccacca	gccttcgaa	a		881

<210> 3041
 <211> 1796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1233)...(558)
 <223> similar to gi5420387 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3041
tggccatctt tactgtgggc tgaagcctgt gcgcttactc gcgcatgtgc aagccttccc      60
tcgcttttcc cttccaagta gccttgcccta gaggcgagcc tcccgcgcca tttctgtgcg      120
cctgcgtagc gtgacctgc gcagcctggg aggcgggtct tagctccagg tgcgtacggc      180
atctgacttg acgtggccca caactgaaag gtctggggag aaggcgccgt gtccgggtgt      240
ggagaggggc gtctgtggaag cgagaagagt ggcccgtccc tctcctcccc ctttccctct      300
ttcggaaagt ggtttctgcg gggcccggga gcctcggagt accgaacctc gatctccggg      360
gcggggctct tgggtggggac tgagcgcccc ctcccgggga cgggcgggtct ggccgcggag      420
tcccctgcgg gagcgtgatt ggctggaaac ggtcccgaac ccccgaggga gcccgatccc      480
tgggggaccc tggcttcgga ctccagtatc tgcgtcgca gggtcctgc cctagtggcc      540
tatgtccctt gctcggggcc atggagacac tgcggccagt acggcggcgc ctctgtctga      600
agaaggggaa gtgacctccg gcctccaggc tctggccgtg gaggataccg gaggccctc      660
tgctcgggcc ggtaaggccg aggacgaggg ggaaggaggc cgagaggaga ccgagcgtga      720
ggggtccggg ggcgaggagg cgcagggaga agtccccagc gctgggggag aagagcctgc      780
cgaggaggac tccgaggact ggtgcgtgcc ctgcagcgac gaggagggtg agctgcctgc      840
ggatgggcag ccctggatgc ccccgccctc cgaaatccag cggctctatg aactgctggc      900
tgcccacggt actctggagc tgcaagccga gatcctgccc cgccggcctc ccacgccgga      960
ggcccagagc gaagaggaga gatccgatga ggagccggag gccaaagaag aggaagagga     1020
aaaaccacac atgccacgga aatttgattt tgatgatgag ccagtgcacac caaaggactc     1080
cctgattgac cggagacgca ccccaggaag ctccagcccg agccagaaac gggaggcccg     1140
cctggacaag gtgctgtcgg acatgaagag acacaagaag ctggaggagc agatccttcg     1200
taccgggagg gacctcttca gcctggactc ggaggacccc agccccgcca gccccccact     1260
ccgatectcc gggagtagtc tcttccctcg gcagcggaaa tactgattcc cactgctcct     1320
gcctctaggg tgcagtgtcc gtacctgctg gagcctgggc cctccttccc cagcccagac     1380
attgagaaac ttgggaagaa gagagaaacc tcaagctccc aaacagcacg ttgcgggaaa     1440
gaggaagaga gagtgtgagt gtgtgtgtgt gttttttcta ttgaacacct gtagagtgtg     1500
tgtgtgtgtt ttctattgaa cacctataga gagagtgtgt gtgttttcta ttgaacatct     1560
atatagagag agtgtgtgag tgtgtgtttt ctattgaaca cctattcaga gacctggact     1620
gaattttctg agtctgaaat aaaagatgca gagctatcat ctcttaaaag gaggggctgt     1680
agctgtagct caacagttag gcccacttg aaggagagg cagaattgta ctcaccaga     1740
ttggaaaatg aaagccagat gggtagaggt gccctcagtt agcacctgtc ccatct      1796

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<210> 3042
 <211> 2707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (337)...(1052)

<223> similar to gi5262621 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3042

ccgccagcct	gggctccgcg	cagcccaccg	atctggggcg	ccacaagcgg	ccggcatccg	60
tgtcgagcag	cgctgccgtg	gagcacgagc	agcgtgaggc	ggcagccaag	cgagaaacaa	120
ccgccgccgc	ctgcgcaccg	gggcccggcc	gacagcctgt	ccaccgcggc	cggggccgcc	180
gagctgagcg	cggaaggtgc	gggcaagagc	cgcggtctg	gagagcagga	ctgggtcaac	240
agggccaaga	ccgtgcgcga	cacgctgctg	gcgctgcacc	agcacggcca	ctcggggccc	300
ttcgagagca	agtttaagaa	ggagccggcc	ctgactgcag	ttgcaagaac	agcaaggaaa	360
aggaagccct	ctccagaacc	agaaggtgaa	gtcgggcccc	ctaagatcaa	cggagaggcc	420
cagccgtggc	tgtccacatc	cacagagggg	ctcaagatcc	ccatgactcc	tacatcctct	480
tttgtgtctc	cgccaccacc	cactgcctca	cctcattcca	accggaccac	accgcctgaa	540
gcggccaga	atggccagtc	ccccatggca	gccctgatct	tagtagcaga	caatgcaggg	600
ggcagtcattg	cctcaaaaga	tgccaaccag	gttcaactcca	ctaccaggag	gaatagcaac	660
agtcggccct	ctccgtcctc	tatgaaccaa	agaaggtcgg	gccccagaga	ggtggggggc	720
cagggagcag	gcaacacagg	aggactggag	ccagtgcacc	ctgccagcct	cccggactcc	780
tctctggcaa	ccagtgcgcc	gctgtgctgc	accctctgcc	acgagcggct	ggaggacacc	840
cattttgtgc	agtgcctgtc	cgtcccttcg	cacaagttct	gcttcccttg	ctccagacaa	900
agcatcaaac	agcagggagc	tagtggagag	gtctattgtc	ccagtgggga	aaaatgccct	960
cttggtgggt	ccaatgtccc	ctgggccttt	atgcaagggg	aaattgcaac	catccttgct	1020
ggagatgtga	aagtgaaaaa	agagagagac	tcgtgacttt	tccggtttca	gaaaaaccca	1080
atgattaccc	ttaattaaaa	ctgcttgaat	tgtatatata	tctccatata	tatatatatt	1140
caagacaagg	gaaatgtaga	cttcataaac	atggctgtat	aattttgatt	ttttttgaat	1200
acattgtgtt	tctatatatt	ttttgacgac	aaaaggtatg	tacttataaa	gacatttttt	1260
tcttttgtaa	acgttattag	catatctttg	tgctttatta	tcctggtgac	agttaccgtt	1320
ctatgtaggc	tgtgacttgc	gctgcttttt	tagagcactt	ggcaaatacag	aaatgcttct	1380
agctgtattt	gtatgcactt	attttaaaaa	gaaaaaaaaa	gccaaataca	ttttctgaca	1440
ttgtaagatt	gccttactgt	ctgtcattcc	ttattgctgg	cccctttctc	aggccggagg	1500
ccaagtgggt	gagaaggaaa	ggaaatgatc	gaacgggcat	gttgtcaagt	gggcatgcca	1560
ctgggaaata	ccaccagttt	accctgaaac	attgtcctca	gaggagtagg	aaaggggatt	1620
ttgaatctct	attttgctca	aaagttcagt	tcctgagata	ctgatgactg	agagtgtctg	1680
tgggaaatth	tcaggattgt	gtggtctttt	gggggttttt	gttttttttt	ttttaaaaaa	1740
aatttgaccg	ttgttcactg	tcccacgtga	tcagttgtaa	gattacaatg	ctgcatgcta	1800
gtgggttaca	taaaaaacia	ttccagtgat	ggaaggcggg	tataatggat	ggtgggtgtg	1860
acaagatggc	actgccatct	ttgagcagag	cccagctctg	cagcgccact	tcattctttt	1920
aaacacccta	taggtctgtt	tggtgttgct	gttgctcttt	attttgaaag	agttgcaaga	1980
gaagttacag	tccagggtga	cttgagagatt	gtgggattgg	ttttgtttct	gttttgtttt	2040
gtttatcatt	tacctgtagt	gctattgctg	ttgatactat	cacctatacc	ctgtttctag	2100
tgagtgtcga	atacagtatg	gtacaatgac	agtaacagcc	gcgtgggtgt	gccaggactg	2160
cccttgggca	tatcagtgtg	agcccaaatg	tgggtggagg	aaacctgtaa	tttccttctt	2220
aacatgtgtt	tgaaatacca	agtgaataat	actgttctgg	aaaaaaatga	taaactagtg	2280
gaaattaaag	aaattaaggg	ttttatataa	tagacaggcc	ccacctctca	aaatattttt	2340
agaagtcttt	ttgtaaacta	atctcttttg	atcactatth	tgcatcagta	aaatgatttt	2400
tttaaaacca	ataaatcatc	aattattaga	aatagttgtc	tcacagggat	actggttttt	2460
cttttgggct	gttatgattt	aacattgaca	ggaacactat	tttaaatcct	tacgttcagg	2520
tgtttgtaac	ttggccttat	aattaggctg	aattatggct	tcaagggtcta	caatttatgt	2580
gtatggttca	cagcctagct	ttctatthac	atthgaaaaa	acagattttt	accaactttg	2640
gattcttttt	taggtatatg	gttgcccttt	cttttttaaa	tgttcaaaac	tattttttta	2700
tggtcag						2707

<210> 3043
 <211> 1233
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1234)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (863)...(493)
 <223> similar to gi3877572 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3043

tttttcaaga	acccaattta	atcagattta	cgaggggaca	tgtacaaaaa	acacccgaac	60
aatgcagaat	tcatcgcaag	actagggact	gaatctggaa	ggtagagtcc	ccgccccagg	120
gaggggcccc	gcgtgttggg	gatctcaagg	ttttttccca	ctgattctct	aagtcttggc	180
cttatctaac	acatgaaacc	aaaccccaca	actgaggcta	agattttaaga	gctacccaga	240
gctaaatttt	ccccccccca	agcctccctg	ctctagaagt	ggaagggaaa	gaaggggaga	300
gactatgaac	ctaaggagag	tggagcctcc	agcaccaccg	gacagggact	gcatagctgt	360
ccgacaactg	agctcctcct	gcctatctgt	ggccaaatgc	cctccatggt	tgcaggcagg	420
ttggccaaca	ggggacaggg	aggggtggggg	gaggcagagg	ggtgccccaa	acgccctgga	480
gaggccgaag	ggaggagggg	cagcactgga	ggccccattc	ggacttgctg	ccacgggagt	540
caccactgca	gggggcccga	gtcagctccc	agctcctctt	ccttttagctg	gaagggcttc	600
actggccact	tcaccctgat	gatgggctcc	acgtggtcct	gaaggcgggtg	ccgcttcata	660
tgggcatttc	gactcttgat	cttgtcaaac	accctttcac	actctctgca	tggaaaaatg	720
ccctggctct	ctgcacttcc	caacagctcg	gggggtccgct	tggagcctgc	atttgggctg	780
gagctgagga	tggactccct	cctataactc	ttggtcttta	acttgggagt	tggatggtgg	840
ctgggtctct	cccagagggt	gcatgggacc	ttttcctctg	tcctttccac	ttcctccggc	900
tctctcttga	ccctcttttc	tagccctggg	gctcggccac	agtcaaactt	gatcattttt	960
ttccagatgt	aataatactc	aacgcactga	gctaccgtct	ttgtctggat	ctagtgaag	1020
aaaacaagca	ggctgtggct	gtgccacgcg	ggccctggga	gtgtgacctt	gccattgggc	1080
cggccgcctc	ctttggaaa	ccctccggaa	gcacctcttc	ctttggcttg	gcgttaccac	1140
tcaccacaaa	ggcacaggac	cagaattcca	ccacntggat	agtggactca	caacnctnn	1200
nntaaggtct	acgaanttnt	cttnnngggc	ccg			1233

<210> 3044
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1192)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (931)...(358)
 <223> similar to gi5102812 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3044

cgccactgct	agaaagcagg	gtttgaactc	cagctaccac	ggtctgtcgc	cggagttcct	60
gcgttgacct	cagataatgt	aaagcttggt	taagatgctg	cgggaattcc	agatcgtttc	120
agtgactatg	gccccagAAC	actgacagag	gtccccctcc	caccatggca	ggatctgagt	180
gcaacaggag	gtccccaccc	actcccagg	ccccacaggc	acagccacag	ccacttctga	240
ccctttattg	gggcaactgt	ggccccaaat	aaatataata	cattaaaccc	agagctgagg	300
gaatcggtca	ccccaggagg	cgccccccac	aacctcagcc	gggcaaaata	agttagtggg	360
gggcctgcca	gaggccgggg	cagctccctg	gtctaaagt	catctcggtt	cccgtgggga	420
ttccgtggtc	cccacgtctg	cacagcccct	ggttgggccc	tcgggagggg	cgggtgggag	480
atgcctggcg	ctcacaccgt	gccagcagtg	gccgccgagg	ctctgtgtgt	ccatctgtcc	540
atgtggggga	acagctgcgt	ggccgggggt	ctcaggaaaa	gctgtcatcg	ggccgggggt	600
gggtgtcaaa	gggaggggtc	gagactgtga	tgccttgggt	cagcttctcc	agcgagaact	660
tcctctcatc	caggagctcc	acggaggccc	gcaggatctg	cctccacttg	tgcacctcca	720
cgctgtggaa	ttgcttctgc	agcgccagga	tctcggccca	ctctgtggcc	gtctggggga	780
acttgccctt	ggccaggggc	aggctgtgcc	aggactcaaa	ggtgtggggt	gtcctttcca	840
gggaccagag	gcggtagaag	agcaggacgt	tgagggcgat	gaggatgata	aggctgggga	900
caggggtcag	aggtcaggat	tcctgggggt	tagatgctct	gaacaccccc	aaacaactac	960
atcttgtagg	gacacctcta	tcctccattg	cagaggagga	gaattaggct	cagagaggat	1020
gagagacatg	cctaggggtg	cacagtccat	agcagggaag	tcagtgttca	aaccaggtc	1080
tgtctgatgc	ccataccctt	gactgccatg	ccaggccacc	tcctgggggg	agctggaggg	1140
catgggggtg	ggagaagagg	cgaatgccnc	cncaatggct	atcagtcgca	t	1191

<210> 3045
 <211> 1406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (17)...(870)
 <223> similar to gi2887429 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3045

ggaattcagc	ggccccgggg	acgcgcgcgc	gccaccggcc	cggcaggtgc	tgtccttatt	60
cccagcccag	tcaagagcta	ccggggctgg	ctagtcatgg	gggagcccag	tagagaggag	120
tataaaatcc	agtcctttga	tgcagagacc	cagcagctgc	tgaagacagc	actcaaagcc	180
ccgtctcttg	aatgcacagt	tgcctgcttt	gagacagaag	atggagaata	ttccgtttgc	240
cagaggagct	atagtaattg	ctctcgccct	atgccttccc	gctgtaacac	gcagtacaga	300
gatccgggtg	ctgtggactt	ggagaaagtg	gccaatgtga	ttgtggacca	ttctctgcag	360

gactgtgtgt	tcagcaagga	agcaggacgc	atgtgctacg	ccatcattca	ggcagagagt	420
aaacaagcag	gccagagtgt	cttccgacgt	ggactcctca	accggctgca	gcaggagtac	480
caggctcggg	agcagctgcg	agcacgctcc	ctgcagggt	gggtctgcta	tgtcaccttt	540
atctgcaaca	tctttgacta	cctgagggtg	aacaacatgc	ccatgatggc	cctggatgaac	600
cctgtctatg	actgcctctt	ccggctggcc	cagccagaca	gtttgagcaa	ggaggaggag	660
gtggactgtt	tggtgctgca	gctgcaccgg	gttggggagc	agctggagaa	aatgaatggg	720
cagcgcattg	atgagctctt	tgtgctgac	cgggatggct	tcctgctccc	aactggcctc	780
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acaacgccag	ctgcccacaa	gtattactac	agcgaagtct	ccgactaggc	ctccagatca	900
gggcttcctc	accagcactg	gcctttcttc	taccacctc	taaagctggc	agtggagtct	960
ctgcctcacc	caaagacttt	tcccttcacg	actttgagt	tcttcccttc	tagactttcc	1020
catctcctgg	tgagatgttt	cccacttatg	ccgtggctct	gccctgagcc	cctttcccca	1080
ccacaacca	ccacggccag	gcagagaagg	gcaactccca	agagccactg	cactgtgtaa	1140
ccattagtgc	aactactacc	ttggtgcctc	agtttaccca	tctgtaaaat	gggtaagcat	1200
agccactggg	gggatatttt	gggatgtcaa	gggggtggagg	cagagcacaa	gtcacaccag	1260
aaactgcttt	ttatacattt	tgtataagga	caactctgga	aacaagccta	tttcctccag	1320
ccagtttcac	tgaatgctgc	accacatgct	acaccagtct	agcgtgagaa	ttttctaata	1380
aatcttttct	gataactaaaa	aaaaaa				1406

<210> 3046

<211> 2408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(1336)

<223> similar to gi4650844 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3046

cagtgcggag	gaattcgaga	gccagcaggc	cagcgtgacc	atgcacgatg	tggacgccga	60
gtccttcgag	gtggttgctg	actactgcta	cacgggtcgt	gtgtctctca	gtgaggccaa	120
cgtggagcgc	ctgtacgcgg	cctccgacat	gctacagctg	gaatatgtgc	gggaagcctg	180
tgctccttc	ttagcccgac	gtcttgacct	gaccaactgc	accgccatcc	tcaagtttgc	240
agatgccttt	ggccatcgca	agctgcgac	ccaggcccag	tcctatatag	ctcagaactt	300
caagcaactc	agccacatgg	gttcaattcg	ggaggagact	ctagcagatc	tgaccctggc	360
ccagctgctg	gctgtcctgc	gcttgatag	tctggacgtg	gagagtgagc	agacagtgtg	420
ccatgtggca	gtgcagtggc	tggaggctgc	tcccaaagag	cggggctcca	gtgctgcaga	480
agtcttcaag	tgcgtgcgct	ggatgcactt	cactgaagaa	gatcaggact	acttagaagg	540
gctgctgacc	aagcccacgc	tgaagaagta	ctgcctggac	gttattgaag	gggccctgca	600
gatgcgctat	ggtgacctgt	tgtacaagtc	tctggtgcca	gtgccaaaca	gcagcagcag	660
cagtagcagc	agcaactctc	ttgtatctgc	agcagaaaat	ccaccccaga	gactgggtat	720
gtgtgccaa	gagatgggtga	tcttcttttg	acaccccaga	gatccctttc	tctgctatga	780
cccttactcg	ggggacattt	acacaatgcc	atcccttttg	accagctttg	ctcacactaa	840
gactgtcacc	tcctcagctg	tctgtgtgtc	cccagaccat	gacatctatc	tagctgctca	900
gcccaggaaa	gacctctggg	tgtataaacc	agctcagaat	agttggcagc	aacttgacga	960
tcgcttgctg	tgtcgtgagg	gcatggatgt	ggcatatctc	aatggctaca	tctacatttt	1020
ggggggacga	gaccctatta	ctggagttaa	gttgaaggaa	gtggaatgct	acagtgttca	1080
gagaaaccag	tgggcattgg	tggctcctgt	ccctcattcc	ttctattcct	ttgaactcat	1140

agtggttcag	aactatcttt	atgctgtcaa	cagtaagcgc	atgctttgct	atgacccctag	1200
ccacaatatg	tggctgaact	gtgcttctct	taaacgtagt	gactttcagg	aagcatgtgt	1260
cttcaatgat	gaaatctatt	gtatctgtga	catcccagtc	atgaaggctc	acaaccacgc	1320
taggggagaa	tggaggcgga	ttagtaatat	tcctttggat	tcagagaccc	acaactacca	1380
gattgtcaat	catgaccaaa	agttgcttct	catcacttct	acaacccac	aatggaaaaa	1440
gaaccgagtg	acagtgtatg	agtatgatac	tagggaagat	cagtggatta	atataggtac	1500
catgttaggc	cttttgagct	ttgactctgg	ctttatttgc	ctttgtgctc	gtgtttatcc	1560
ttcctgcctt	gaacctggct	agagttttat	tactgaggaa	gatgatgcac	ggagtgagtc	1620
tagtactgaa	tgggacttag	atggattcag	tgagctggac	tctgagtcag	gaagttcaag	1680
ttctttttca	gatgatgaag	tctgggtgca	agtagcacct	cagcgaaatg	cacaggatca	1740
gcagggttct	ttgtaaatag	tattttgaga	cactaagatg	tttctactgc	tacggaatgt	1800
attttaaaaa	catatcgttt	ctttttcttg	gaaaaaaagt	tgattaggac	cacagatttg	1860
gttttagaaa	ggtaatat	tgaataacta	caagggttag	acagtccatg	aaatcgacct	1920
gtttaataat	ttaccatcct	gaaagtccag	aattaaaata	tggagcaag	aactatataa	1980
ttgattagga	tgcttggtag	gtttttttca	ttgttcaaat	attcattgca	cagtggattg	2040
ttttgattag	ttagtatgct	ttttttttta	ttaattcagt	ccttcctggt	aatttttaag	2100
ttttgggttag	tgcccacaag	gaatttaacc	ttttgatttg	tataatagaa	aactgaacct	2160
aggaattggt	agccgggggt	ttgaaggatg	tgtaccttct	ccttcaaaat	aaagtggtag	2220
attttcaaaa	ttttacacta	gtcagttctt	tatattacta	agttaaatgg	tagtttggtg	2280
aaattatatt	gggttttctt	tcctacaaag	gaaaaaattg	gatttatata	tataagggtta	2340
ctgcataatg	atttcatttt	gataatgtgc	agaatggcct	cataagctca	cagaaagtaa	2400
aaaaaaaa						2408

<210> 3047

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(506)

<223> similar to gi2370153 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3047

ggaattcctc	gagccgcac	gatgtccctt	gcgctcctgt	ccctcccg	gtagagcttg	60
cctttgttcc	aggaatagcg	ctccaggctc	ctgctgccgc	ccctgggctt	cactctggag	120
cgggctgctt	ccgccctctc	gtgacagctc	agccctccc	atgcacattt	ggacgctgtc	180
ctgcgctcca	gttgacaaaa	gctgagctcc	tgttacacac	tgacagacca	ctgacagccg	240
ccgctgccaa	ccccctcct	cctcaccaga	cttcagacg	actacatcat	gctgccaca	300
gacctgcgct	gccactgcc	tcgccatcca	tcgcattcca	ccgacagact	gctgcttcta	360
gtgatctgta	ctcacctcgg	aggtatctgg	gctggacaca	gcccctggac	aatgatccag	420
acagctggct	gcccctcaag	ggacctgtta	ccttcagcga	gaccttttc	ctccccaatc	480
ccagagactt	tttgtgtccc	tgccacatgg	ctgccagggc	tcagttgtgc	ctggcagcca	540
aatcgagtct	ctcattttct	cttgtggacc	agttagtttt	gcccagaatc	catttctctt	600
ctgaatttgc	agcattttct	caggtgcttt	ttgatcaaca	aaataacttg	tatcttctgc	660
ttactcctt	tatactacct	ggagaaaagt	attttccata	ttttcaataa	atgtcagaca	720
ctattgagaa	aga					733

<210> 3048
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (33)...(579)
 <223> similar to gil620403 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3048
ctcctgggac ctgcaactgga ggtagtgtcc aacctgtgcc ccagcaagg caagccgggg 60
agggagacgg gagccgggtg gcccagggct cctgtgcttg gagggggga gggtgggact 120
ctgcagaggg cctgaggggc aggaacggga agatcccctc ctcagtttat ccacctgagg 180
gccccccgca gtgccctcct cagcctcact ttgttctgcc caggggattg gccgtggacc 240
atgagggtttg gaacagaaag cctgccccctg gtttcacgct cagcaagtgc cttctcctgt 300
aggaaccctt gatccacagc ttctgtgtct gtgggtggg ggtggcaatt gtggcccat 360
ctgcttccca ggacagttac ggctctaagg tgtgtcttg gctgtggtga tgcttgccaa 420
gacactgccc ggggtgtggc atcagccttc ccttgccca caggacgatg ccctgagtct 480
ctgttcatcc attgacctgt gcagatgcac aggcacactg ggtggggccg tggggacacc 540
aggatgagtg gccatgtgtg tgctgcaga ggggtgtgtc ctcagaggt agaaggcctg 600
ggagccggct ggaagtaggc tgctgggccc cattgcaggg gggaccgcgc cgtgatgcgg 660
cttgcaaggg ccccggggca gcggggctgg ctctgctgac gcccacatgg cctgggcccc 720
acgtgga
  
```

<210> 3049
 <211> 1148
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (182)...(751)
 <223> similar to gil56250 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3049
agagtgtccc cctgtagacc tgtagagtg ctggaattcc tgcagtaaat gcacaaccgc 60
gacggaagtg cctctccgac agcagatcca ggctcggagc tccagacgct gggacaggcc 120
gcccgcagac cccccccgcc gcgcgcggga cagcagccc cccgcaggac acgcccata 180
gcccggaaac ccctgagctg cttctcccgg aggcgatgc ccacccggga gccccaaaag 240
actcgcggct cccgggggca cctgcatact caccgcctg ggccctgggc cccgtgcag 300
ggactggcgc cccgaggcct caaaaccagc gccccccgcc ctccgtgcc gcccagccg 360
  
```

ggacccccaca	aggcaaagac	caagaagatt	gtgtttgagg	atgagttgct	ctcccaggcc	420
ctcctgggcg	ccaagaagcc	tattggagcc	atccctaagg	ggcataagcc	taggccccac	480
ccagtgcccg	actatgagct	taagtaccgc	ccagtgaaca	gtgagaggga	acggagccgc	540
tatgtcgcag	tgttccagga	ccagtacgga	gagttcttgg	agctccagca	cgaggtgggg	600
tgttgcacag	gcaaagctca	gggcagctgg	aggccctgct	gagctccctg	ccccacccc	660
aaagccagaa	ggaggcccaa	gttgcagccc	gggtttggag	ggagtttgag	atgaagcgaa	720
tggtacctgg	cttcctggac	aagcaggctc	gctgccacta	cctgaagggt	aaactgaggc	780
atctcaagac	tcagatccag	aaattcgatg	accaaggaga	cagcgagggc	tccgtgtact	840
tctaagtgcc	cctgcagatg	ggcagaggga	tgcattggga	tgcaggctcc	ttgcatttct	900
tggtatctct	cagcttttcc	tcttgcagct	ccccctacca	ggggtcgctt	tctcctggat	960
tgcaaatgcc	tcttcagttt	ggactcagct	ctgacagccc	ctcctccagg	aaggccttcc	1020
aggacttcct	cctctgggtc	ctctagctct	gaccctacag	ggactccaga	tctcaacctg	1080
ttccctggaa	gtagggcctg	ctctccatcc	cagtgaataa	aacatgtatt	agacacctaa	1140
aaaaaaaa						1148

<210> 3050

<211> 1538

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (322)...(1264)

<223> similar to gi4995751 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3050

aattgggac	cttagagcag	cgtggcgga	ttcatccaca	gtcacttctg	ttcattttta	60
atgaaaacct	attgctgtta	ttttctatta	tgagttaacg	gtgatgtgtg	ttttttaaat	120
tttgtatact	tgctctcacc	ctaaaatata	ccttaagaga	cttttcccct	gtttttcttt	180
ctgctttcca	agactccagg	aaaaacagct	tccatggcac	attttgtaca	gggcacatct	240
agaatgattg	ccgcagaaaag	ttctacggag	cataaagagt	gtgctgaacc	atcaacaaga	300
aagaacttga	tgaattctct	tgaacaaaag	ataaggtgtt	tggaaaaaca	aagaaaagag	360
ctcctggaag	ttaaccagca	atgggatcag	caatttagaa	gtatgaaaga	gttatatgaa	420
agaaaggtag	cagagctgaa	gacgaaactg	gacgccgcgg	aaagattcct	cagcacgcgg	480
gagaaggatc	cgcatacagag	gcagagaaaag	gacgacaggc	agagagagga	cgacaggcag	540
cgcgacctga	cccgggaccg	gctgcagcgg	gaggagaagg	aaaagggaacg	cctaaatgaa	600
gaattacatg	aattgaaaga	agagaataaa	cttttaaaagg	gaaaaaatac	tcttgcgaa	660
aaggaaaagg	aacattacga	atgtgaaata	aaacgcctca	ataaggctct	tcaggatgcc	720
ttgaatatca	agtgttcatt	ttccgaggac	tgtttgagga	agtctcgagt	ggaattctgc	780
catgaggaga	tgagaacaga	aatggaagtt	ctgaagcagc	aggtgcaaat	atacgaagaa	840
gacttcaaaa	aggaacgatc	ggatcgagag	agacttaatc	aagagaaaaga	ggagctacag	900
caaattaatg	aaacttccca	atcccagttg	aacaggctga	attcccagat	aaaagcttgt	960
cagatggaga	aagaaaaact	agaaaagcaa	ttaaaacaga	tgtattgccc	accctgtaac	1020
tgcggtcttg	ttttccacct	gcaagatcca	tgggtaccaa	caggccctgg	agctgtgcag	1080
aagcaacggg	agcaccacc	agactatcag	tggtatgctc	ttgaccagct	tccgccagat	1140
gtacaacaca	aggcaaatga	tggtgtcttg	ctccacctcc	agtctgttgc	caggctggtc	1200
tcgaactcct	ggcctcaagt	gacccctcctg	cctctggctc	ccaaagtgtc	gaaatttcag	1260
gtttatcctc	agtaaagaaa	gtccatccgt	agaagtacac	actaacagag	agagacaaca	1320
ggcaacgagg	gagcgtggct	gaggaccctc	ttctttgttt	atactgaggc	ttgtttctgc	1380

cacaaaggca	catcatctac	cctgttattt	gtgcctggtc	atgttttcct	ttggtatgaa	1440
tacaggaaaa	ggcttctgac	agctaagatc	ctgatcaaat	tggaggagcc	agttattata	1500
caaccaaata	caacttccag	tttcttggaa	aaaaaaaa			1538

<210> 3051
 <211> 2780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (36)...(896)
 <223> similar to gi666095 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3051						
gcggggaatt	agctgggga	cgtggaggag	gacaggtggt	ggccgtgttc	gtggtcacct	60
tcgacccccg	ctcgggaaac	atggtagaat	ggtgcttacc	tcaagatatt	gaccttgaag	120
gtgttgagtt	caagtctatg	gccagtgggt	cccataaaat	ccaatctgat	ttcatctatt	180
tccgaaaggg	gcccttcttc	ggcctggcct	gctttgccaa	catgcccgtg	gagagcgagc	240
tggaacgtgg	cgcgcggatg	aagtctgtgg	gcacctcttc	tccctcctac	acactgcttt	300
accgctacat	gcacttcttg	gagaaccagg	ttcggcacca	gttggagatg	ccaggacatt	360
actctcatct	ggctgccttc	tatgaggaca	aaaagggggt	gctccatgct	ggtcccggca	420
gaggcagcag	cctgccccct	gtctactggc	tgccttccat	ccaccgatac	atgtaccctg	480
agatgaagat	cacacaccca	gctggctgca	tgtctcagtt	tataaagttc	tttggagaac	540
agatcctcat	cctctggaaa	tttgcccttac	ttcgaaagcg	cattttgata	ttttctcccc	600
cacctgtggg	cgtggtgtgc	tatagagtgt	actgctgctg	ctgcttgccc	aacgtttcac	660
tgccctggcat	cgggggcacc	attcctgagt	ccaaaccttt	cttctacgtg	aacgtggctg	720
acatcgagag	cctggaggta	gaggtgtcct	atgtggcctg	caccacagag	aagatattcg	780
aggagaagcg	ggagctgtat	gacgtctacg	tggataacca	gaatgtgaag	acacaccacg	840
accacctgca	gccgctgctg	aagatcaaca	gtgctgacag	ggagaagtac	cgccgggtca	900
acgagcagag	gcagatgctg	ttgtactccc	aggaagttaga	agaagactac	aacccttgtg	960
aagaggacct	cttcgtgctg	tgagtcctgg	ggccgtggat	gtggagtctc	cctgaggatc	1020
ccttcggcac	tgagtgaacct	gcacccctcc	catgtcattc	actgcggggc	agggatgccg	1080
tttattgctg	ccaagggcac	ttagagccgg	gctccttaca	gaggcaaacc	tgagccctga	1140
aatgccatta	gggggaaccc	agaagactta	gggaaagaag	caggtccctt	aagagaaaac	1200
aggagtctta	gtgtttcttt	ccttggtggg	cttttacatc	gaggatgtcc	actgcctgga	1260
agctctgtct	gtccctcagg	actcagggac	ttctcatttc	cattgcctcc	tttgaataga	1320
gtagttcctt	gcgctgaata	ttatgggata	atctgaaatt	ttaattcttg	aatcaaatga	1380
aatctctttg	ccccgtaggt	gcagaagcca	gggcctttcc	acctcacagt	actgatttca	1440
ttcctagaca	gctgggtgaa	gtagccttct	gtggcatcaa	ctgaattctc	ccagcttcct	1500
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gtgtctgaaa	ttcctgagca	ccgagggccg	cttcaggcac	caggcacttt	gccaacctga	1740
gagctgtatg	gggctggact	gtctagtcta	actaggcagt	gaacctgtgc	ctgaacagag	1800
cttgtttggtt	cataaagcac	tctaaagcag	tgacttttaa	atcttgatct	gtgcataatc	1860
tcaactcctcc	ccaaagagtc	atccaaggga	gagcaaaaca	cccaagggtg	acggttggct	1920
cacggttcca	ttttgttggt	ggttggtgaa	tttttgcttt	cctcctatga	cttaagcaga	1980
aagagggaaa	agcagtgttt	ggggggcctc	ttctcaggct	gtgttttaaaa	cccaggtcac	2040

tttccctcaa	caggaaaatg	gattttgaca	ggccatcttg	cttagagatt	tcctaatca	2100
caccataatt	aatgccaaat	ggtttctttg	ctaaccttag	tagcacttga	ataattaact	2160
tttactcttt	tcttttttta	aaagatacct	gcgaatccac	tgaaaagtac	attaaacaaa	2220
acagtatagt	tttggttccc	catatgtgga	ttatctgggtg	agctttttat	tccccccgc	2280
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tatggcattg	atgtcatgct	ggttatcgac	aacctctgtt	gcccgtagga	ggagccaaca	2520
ggactgggag	ccgcttcacg	tgggatgtca	gcagcccggg	gttcacccca	gggccccaga	2580
gggcctcatt	ttttattaag	ttgacacaaa	ggaatattgt	ttatactttc	caacaaacat	2640
aatttttgca	atttcctttc	tgcccttttc	cctagagata	aggtagagtc	accttgggtt	2700
tgtgtcctgc	catgttagga	tattggaatc	tgccactttc	tcccagagct	gctggtcctc	2760
tgggcttggt	catgggagtt					2780

<210> 3052

<211> 1606

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1565)...(83)

<223> similar to gil9867 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3052

tttttttttt	ttcgaatgcg	cagtgatgct	ttaatcccc	tgtttgcaaa	cgagctctgt	60
ggaagctcag	caggaaggat	ggaaagatgg	ggaggaagac	cctggcgggg	ggaagtgtgg	120
ccagggacac	aaggctgccc	ttatgggact	gaaagagaaa	gctgctgggc	tctgtgtgac	180
tggaaaccag	ggaaggagac	ctggctgagg	caggaactgg	gtttgccagc	agtgcggagg	240
ggcagcgggg	ggctcagaag	tgggagcagg	tacacagaag	gagctcaggg	catgcctggg	300
gcatctccaa	agctctgctg	agagtgaagg	ccaggagcct	gttttccttc	cccagaagtg	360
tgctcatggg	aaatggggca	gggggcaggc	tggcttgggg	atggaaagta	agcttacact	420
ttgatattaa	actcattctt	tgacttgctg	tcaggcaaga	agcccattct	gtgagcttca	480
gcatataagc	attgggaggg	tgtgagctgg	ggctcccaga	cacccccaga	gcagagggag	540
cagggcctgt	cagcctcctc	tgctgctcct	ggacagagac	ccacgggggc	ccatgggctc	600
caaacctgcc	cagcaagttt	aagggccgtg	ggcaggcctt	gtagccgggc	aatgggatgt	660
gagcagaaac	gagaatgtgg	cctagcagtg	ggtgcaggac	aaggagaggt	gaacccacc	720
ccgagagcat	tccgggaggt	gtcatcaagt	ctcttaggca	gtctgggtgat	atttgggtgt	780
ctgagctaag	gaggggaatg	acttgtctgt	cacgcagggg	ccaagagaag	caggtgcagg	840
tcttagagct	gagccttggg	gaggggaccc	tagtgagaca	gcgcctccgt	ggagtagaag	900
aaggggcagg	atggaaatca	aggtgggaat	tttggggccg	cttctccatg	tgtgctttgc	960
tggacagcac	attgtcccat	tagccactac	caaaccgcc	tctggcttct	gagcttggca	1020
gcacaggaaa	acgcggaggt	tggagcacc	ccaggagttc	ctggagtggc	tgtcacaggc	1080
ctgggtcccc	ttcaccccaa	ggccgccgtg	ggccactcca	ttcctcagca	cgttcctggc	1140
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ggggctggca	gagagctgcc	cccagggtgt	gtgtcaggag	gtgacggctg	gagcctcggt	1380
ggcgggtgaa	gtgtgtctgc	tgggtcagca	ctgcccagat	ctgccatcgt	gttcggaccc	1440

catccctgca	ggagctgggg	caggtggaga	tggctagtc	ctcctggggc	ctctccacag	1500
tgagaaacgt	gtccaggact	gtggcctgcc	gctcggggtc	gcctaggggc	tgcttctcgt	1560
ggctctgctc	agcccttgtc	ctcgtccagc	ctcgtgccaa	gcgtgg		1606

<210> 3053
 <211> 1338
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1339)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1338)...(351)
 <223> similar to gi2894086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3053						
tgccatacat	tcatgcatgg	tcagctctga	gcccctcagg	aatagaaggg	ccttccattt	60
aaaacagctt	acacctggag	acaacaaaca	ccaagaaaca	tgcaaacact	acagagaatc	120
tgtatgtgaa	gaagtcatat	tttatattga	tgaggggtgct	gttagaaaat	gttgatggat	180
ggcttcgggc	actcatgcta	gtctaaccag	aggggcctgt	gacgggtgtct	gcttctcttt	240
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ctggaaaccg	tgatgtctct	ggtcccagga	catcagagag	aaagtgaata	gcgccagcca	420
tgctttcaaa	gagcgaatag	ggtctgtcag	gaatgcggca	cccgtgtgct	ccgtaatcta	480
gacaccactc	tgcaaacttg	caagctcggt	agaggactt	cttatcctgc	gtgagacggt	540
aaagggacag	gaaggaatag	ccgttgccag	cagtcccctg	gcatatcccg	tagcccttcc	600
gcagcaaacc	tcgctgccaa	atcacatcgc	tacactccat	ggcctctttc	aagtacttct	660
cctccttaaa	gaccttgtag	gcctgcatga	gcatgtggat	gacccccggg	gcgcggtggc	720
accagtgcac	cagccggtct	gtttcattgc	ttaatgatga	tgggtaattc	ccagatcgga	780
attttttgtg	gcgcacataa	tcaatactgg	gtttcaccat	ttctgtcaag	gtttcttggt	840
ccacttttgc	tgccggctgc	attaacatat	agtaaattcc	agccatgcca	tgggctgctc	900
caacgtactg	cttcgggtgc	caactgtaca	acagcgggca	gcgctccggt	tttctttctt	960
cccttgacaa	agtcttacct	gattcaataa	tagcattgac	tacctcttta	atagctgact	1020
cacacacggt	gcctggacct	atctctgtgt	tcaggtacag	taaggcatac	agataacctg	1080
ccgctccata	aagcagctca	tcaggaaggt	ctgattcttg	gcaaacaacc	gatctctgga	1140
gctgcaaaag	tttttgtgga	cacattcctg	gggggactca	cagtgcactt	tttgagtttt	1200
gtggataaaa	tcacaggttc	caacaggcca	ggggggggccc	agcattcccc	acagaggaag	1260
gttganccecg	cgggccnttc	agattttocna	agtgtttnt	tttttacgta	attcnggggn	1320
ttcggagcag	gntaggtt					1338

<210> 3054

<211> 1673
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (46)...(498)
 <223> similar to gi5114351 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3054

gcggcgcgcg	cgcccgcgcg	cgacggcccc	gccagcgagg	ccgcgctgca	gctgctgtgc	60
cgcgccgacg	cgggcccgtc	ctgcgcgcgc	tgccgtatgg	ctgcggggccc	cgagccgccc	120
gagtgggaaac	cgcgctggag	gaaggcgctg	cgcgggcaagg	agaacaaggg	gtctgtggaa	180
atcatgagaa	aggacttgaa	tgacgccccg	gacctgcatg	gccaggcaga	gtcagcagct	240
gcagtgtgga	agggacacgt	gatggaccgt	aggaagaagg	cactgaccga	ctacaagaag	300
ctgcgggcct	tctttgtgga	ggaggaggag	catttcctgc	aggaggctga	gaaggaggag	360
gggtccctcg	aggacgagct	ggctgacccc	actgagcggt	tcaggctcact	gctgcaggcg	420
gtctcggagc	tggaagaaga	gcatcgcaac	ctgggcctca	gcatgctgct	gcagtgatgg	480
cgccaacccg	tggcagctcc	agagctggag	gcaggaggat	ggatcctcat	ctccatggga	540
agtgtcagcg	tgtggctgcc	aggaagcgt	ggcaggcgcc	tggccttggg	tccatctaca	600
tagttgcgtg	tttcaacaat	gtccatztat	ccttcacccc	gaggcggtgt	ttgggggctg	660
caaacacctc	ccggtagagg	ctggacctga	ggacccttcc	cacctgtgcc	cgccccctcc	720
tgaagtccta	gccacagccc	atcctccatg	agtcccggca	gctctgggtc	atgcccttcc	780
ctggtcaccc	atctgcccct	caccggtcat	ccagggaccc	agaccctgca	ccttccatgt	840
gggcccacag	atccttggca	ggtacctgag	gtgcaccatt	gagtgtcgga	tttggggtta	900
gcatccagaa	agaagaatgc	gcatgacgct	ctgtgaaggc	tggaactcag	gtcttcaggg	960
agagaaagga	agactggatt	gcaccttgat	gcctcctgag	gaggcgggcc	ccctcttgag	1020
gtgggcgtgg	gcccggcccc	gccttatcca	agtcgctctg	tccacctccc	ccttcctggc	1080
ccccacccca	ctcctgtgcc	tcccaggagc	cctccctgtg	ctccacctgc	ctccgcagaa	1140
ggaagcctct	ttctctgttt	ccctgggtga	gggggctggc	aggtggctaa	ccccatttag	1200
catctccagg	ccctgccatc	gtgtctcatc	ttgctgttat	ctctagctct	ttccctcctc	1260
ccatttcctt	tagtagttga	atthtgcaaa	gcttgtagca	gtagctcagt	tgcttcgagc	1320
atccttgtgt	gtagataaat	tagtcgacag	aaactcagca	ctggggacag	gattgcaaag	1380
tccggggacat	agatgcagac	agtgtttgag	atthtgggat	agccgggctt	gtgagcgggtg	1440
cccatttcca	gatgaagcct	ttcagccctt	ctgagtcccc	ggcccttggg	gcgatgtctg	1500
tgagtttgac	ctgcccagcg	tgtgggctgg	ctcaatgctg	aataaagtgg	gtttgtgtca	1560
gctcgtttgc	ttcgtctccg	tgtgtccacc	tggectcttc	cccctgccct	ggccaccctc	1620
cagtgtcaaa	ggaaacttcc	tcgtgacacg	tgctaaagca	tggtgaggag	gac	1673

<210> 3055
 <211> 1009
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1010)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (83)...(851)
 <223> similar to gi6684 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3055
 ttttttgcgtg atataaaaaa tagtggcacg gcacttttta ttctctttaa tcagaaaaat 60
 aagccctgcg cttctgggat ggaggcccca ggtgagcacc ggaggaaggg gcccggtgg 120
 gtggggagcg agggggcccg gaggccaaag cagatgctgc accagaggct ggtcagaacc 180
 cgggagggcc tgcgggggtg gggtcctcat gagcaagtgc ggggtgctgg aggtcaâcaa 240
 ctgcctggcc tgggagccag ggacacccat ccccttcctg acacctgagg cggcccagct 300
 gggcaagacc aggctgcag gaccagagcc tctgtcacg tggcgcaggg gtccagggtg 360
 tcaacgctgc tctctggagg accactggtt agagcctgcc cagctccccct gaggtctgga 420
 gacagtcaaa gccccccaa acaccccctc ccttttgggc gagtggcgtg ccttggactc 480
 cagaagactc gagtggggct gccttgagac caggtcctga gggggtggca acacctgacc 540
 acagggtggg gccgtggaag gggcagggat gggcccagg gtacgcttgt agtgtgaggt 600
 gtgcccagcc acatgtaggt caacagccag acgggacgct gcaggggact gtggggaagc 660
 cgggagaagg cgctgccac cctgtggggc cccctcgcc tggagaccct gcaggcaacc 720
 cttcagtga tgcccacggg ggtggtggag gcagagtcct gagaggtggg ggtgggagcc 780
 tccgggtccc ctgcaggtcc tgaccacca gatgggcca tgtgccccct gtagcttggg 840
 ggccctggag gtggacacca gcacctctg actaccagg ggagggcctg gactgaaacc 900
 cacaccttca ccattccgcc actgggcca tctngcagga actgaggcac cccacagatc 960
 cttcatgcc aanacgccac tcactctcac acctcttgca cacatgcaa 1009

<210> 3056
 <211> 2535
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2464)...(459)
 <223> similar to gi458888 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3056
 tttttttttt ttcacacttg gccagtttat taaaggcagg gagcttcggc aggggtccaaa 60
 agggagaagt tgggagatgc cccctcctca gctccctcct tccccaacaa ctcttctaca 120
 gccagcccc cagggcccag aggcagggtt ggcgtcaggc agactgtact gcataaatac 180
 gtggaggcca cagcccgaat cagcagcgtc agggggcagg gaaactgggt ttgggatgag 240
 aagtgggtgg ctctgggggc acgtccccca gtgcttgtcc agagcccagg gaccacaga 300
 gccagagagg ggaccagtgg gccagcttgg ggtctggcta cggccagccc tgcccagcga 360
 ggctggcagg tggtctgggt tttgggggag aagtgggggt ggggtgtggc atgccacggc 420
 ccacggggac aggggtgggt caggtgctgt tgccctgctc ctgttcaaag agtagcatgg 480
 ccagctgggt tggggagccg aggcctcaa gcacgctctg gaggcagcgg tggtaagggt 540
 cctcactgag cctcgcgtg caggtctggg cccggtagcg ctgcagcag gccgggtcca 600

ccgccccgag	cacatgcaga	ctggagaagt	ggaggaacag	ctcgtacaca	tccaggctct	660
ccagcagctc	ctcttcttgt	tctgaggctg	ccgccaggcg	cccacgggct	gccacgtagt	720
cggagttgta	gaagcaggcc	tcgctggctg	cctggcgatc	aaagcggcca	gtgtcacggc	780
ccagctctgg	gggcccaggc	ccttgtgggtg	gggccacagc	tgggtggaag	gcttgaaaat	840
gcatgggaaa	gaaggcctgc	cagccggaga	tggcatgcat	gcggcagcgg	ttcaggaagt	900
caggcgtag	caccgtgtct	ggcccggcca	gcaggaacag	tgtgtccagc	gggtgcttct	960
tggagagtag	atccatgagg	cgcagtgggtg	agggtgcggc	tgtctgcaca	ctgagccatg	1020
gcacccgggc	accggggaaa	cgccgctccc	agctctgcc	catgggcctt	gacagggtgcg	1080
aagacatctg	ccatgggcca	cgcgctgggc	cctggcgcg	ctccatacaa	ttagcaagcc	1140
agggtcaagg	ctgccgcagc	atcaccaggc	tccagtgtctg	cagtggcaaa	ggcctccaag	1200
aagccagggg	cccaggtcac	gttcagccgc	agctagaggc	agcagcacag	tgagacgtga	1260
ggcctcagtg	acatagggca	caggcaagat	ctccacgcgg	ctcagcggcc	ggagcagctg	1320
cactcggcga	gtgaggggccc	ggcgccctcc	ctgggggggtc	agtgcctcca	gctgcaagtc	1380
cagcgtgtat	tccatacccc	gggcccggatc	aaagcgtcgg	tagccattca	ccagctgctg	1440
cttctggagc	cgcaaggccg	ggtggtagcg	gcggttcagc	tcctctagag	ctgtccccag	1500
aacatcggcc	acatcagccc	ggtcagcccc	acgcagtggg	cagcgggggtg	agccatcggc	1560
gcaggagaaa	gcatgctgct	ccgtgaagta	gtcccagcgc	agcacctcaa	agcgggaggc	1620
cgggcgggat	ggtgctggaa	taccacaggc	ccaagcagct	gcccgggtccc	catcaacggc	1680
cagatggctg	gtattctgga	tctcccactg	taactcctgg	atctcctgg	acgtgcgttc	1740
cagttcagct	cgggcgaaaag	ctttgtgcag	ctggtacatg	tgcacagggt	cacgcacagg	1800
gtgggctgtc	agggcacttc	ggaaatgagg	gtccccctcc	tgcactggct	ccccagggct	1860
cagctccaga	tggctatagt	gcaccccctc	gtggtcacca	gtgcagccca	ccccgggtggc	1920
atcgagaatg	cagcgaccca	gccactcgtc	agggcgcgca	ctgacgatgt	cggtgcggca	1980
gccttccagg	tgggggcgca	gttgttgcat	cagcatgcgc	gacagcagca	ccccaaagcc	2040
tccgtggcag	tagcggccgg	gggtgggctc	tccgccgatg	aagtcctggg	gccggcccag	2100
gtacaggtgg	gcggcggagg	ccaggctgag	gtggcaagtt	aggcgtgcc	ggccgtgcgc	2160
ctcgggtgtag	gtggtgtcag	gcaccaggaa	gaaccagtca	aagtcgtcgc	cgtgctgctc	2220
cagcaggtgg	cgcagcgcca	ggtgcagggtg	tccaatgggt	cgctcctcgc	ccagcgtcac	2280
cactgccatg	ccagggtggg	cccggcggcc	ccgtgcgccc	gtcaggaaca	ccacacgctc	2340
cagccgggtgc	cccagcgtgc	ggttcacggc	cacgcccagc	gtgggcagcg	tggtctgaga	2400
ggtcagcccc	gccaccagca	gcctctgcct	gatgcccagc	tccgtgctga	tgtagcgggt	2460
cctaggggag	gagatggcac	aagcttatca	aaaagacgaa	ttccaccgca	cggctcaagg	2520
tctactattg	tcaac					2535

<210> 3057

<211> 569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5) ... (424)

<223> similar to gi5262560 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3057

aggggaagtct	tatgaatgta	aggaatgtgg	gaaggatttc	atTTTTTTTcc	gttccttttcg	60
taaatatgaa	agggcacaca	ctggcgaaaa	gccctgtgaa	taaacaatgt	gggaaaggat	120
ttttcatatc	ttctgtggag	ctttgaatgc	atgaaaagac	agactacaga	gaaatgctaa	180
atgtaaggcg	tgtataaaaag	catttagtaa	tttctcttcc	ttgcttatac	atggaaggat	240

gcacactgga	gagaagccat	atgaatgtaa	gaattgtggg	aaagccttca	catctgccaa	300
gagccttcaa	aatcatggaa	ggacacacac	cggagagaaa	ccatgtgaat	gcaagcaatg	360
tggcaaagct	ttcatttgtt	ccagttcctg	tcagagacat	gaagagacac	attctgttaa	420
tatgcattca	gttatacctaa	ttcctttgaa	acacagaaaa	agagttagga	aaggacctct	480
gagataactg	ttttctgagt	tgagaagagc	tacttgtgaa	tggacaatta	aatctagatg	540
tatttagatc	tgatacaatt	catctgtat				569

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<210> 3058
<211> 1315
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1312)...(388)
<223> similar to gi4929607 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3058						
tttttttttt	ttgaagttca	tcattctttag	acttaaggaa	ttaacaaggg	tcagggagac	60
tacaccaggc	tgagggcttc	ttggttctcg	gagacatgcc	cagctacagc	aaacacaggg	120
aaacacgaag	ggggcagctg	gaagatttgg	tcttgaactt	ggggggtggg	taagtgatga	180
tccccacgac	tggagcagca	ggaagaagtt	gtgtctgagg	aagtgtctgg	ccgcccagag	240
ggacagccct	gccctggagc	ttgtcgccgg	gagggaaagg	aaacaagccc	cctccctcag	300
tgctgaggaa	aaggcacttg	gctgggtctc	ctcctgccct	ctccccatcc	gtgggagaga	360
cggggtcctt	gcctccttgc	ccctttcagc	cgcccagaag	ccggtccttg	ttcagcctct	420
ggaagaagct	tttgccgaac	tcataggtgc	tgatcatgat	ggcacaggag	ggggcagcct	480
tgatgatccg	aggaaggaag	cctgcaaaga	gtcccttggg	gcccgaactc	gcccggatcc	540
tccgcagcag	cagccagggt	gagtcacat	gcagggggtt	cactctcaca	gcctccatcg	600
ctcccagagc	gacctggcgt	tgggtcttta	ccacgtcaaa	gggtagagtc	agcactgcag	660
ccaccgtccc	tgagatgcca	ccagccacaa	agctcatgcc	cacagaagtc	tggtccttcg	720
gcctgaaccc	attgagccag	ctcttcacca	gctcatagtt	gaaccagtac	agggcttggg	780
gtgggggatg	cactgagaag	ggcacatctc	gaagggcagt	ggggccccag	cccagccaca	840
gtgagcgcca	gccaccctga	gccactgcag	ttcgaacaca	ggcaccacgc	tcccggtagc	900
acacatgctg	agcctgcagc	tttgtccgca	taagctccag	ggggctgata	acagtcacgg	960
tgcccactgt	gtggggattg	ggggtgacaa	tggggagaag	tgagatcaca	ggtcttacat	1020
ggcatcacct	acctgctgtc	ccagggtctg	ggacctagaa	caccccccta	tccttaggct	1080
ggcagagggt	ggggctggga	gctgggactg	actgggtttg	ggcagagggt	gggacagagg	1140
gaggtcaaag	gcccagact	atgctcacgg	cgggccagcg	cgccagccac	catgggtgcg	1200
tagaggctag	aggtcagggc	tcgaccacac	aggaaggcct	tcagttgggt	ataggcagtg	1260
aagtagatgg	cggtagctgg	cacagtcata	accagggtgg	cggggagctc	gtgcc	1315

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<210> 3059
<211> 1441
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(1442)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1113)...(11)
 <223> similar to gi5262557 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3059

tttttttttt	ttaatttcac	tccttcatga	ctgtcacatg	gacaaaatga	aactaaactt	60
aaatcataac	taaaaaaacc	accaactata	tttttgaaga	tttttcta	tcttgccact	120
caaaggacaa	cattttccac	accggtttgt	atgttatcct	tttggtcatt	gtcttctgaa	180
ccaatgaaat	gttgattctc	caagggattt	gagttttcgt	ggcacacgtc	acctattttc	240
tcctgtgac	ttgggctttt	gaataagtgt	ttcttttggg	gcattccaag	ggcagcagct	300
gttttgcaaa	ttttggggca	ctggaagcag	gcatagccct	tcccattatg	ctcccgaaata	360
tgctctgct	cgtgattcct	tttggtggag	agatacaaaa	atctctgaaa	gcagaactga	420
cagtggtaac	gcttttctcc	agtatggatt	ctttcatgga	ttttgagggg	ctcattcaag	480
gtgaatgcct	tggtgcaata	ctgacagacg	aactccttca	agcccagggtg	gatgcgttca	540
tgtttctgta	agtttccttg	caccgaaaag	caccgtccgc	aggtcttgca	ctggtatggc	600
ttctccccgg	tgtgacatct	catgtgcatt	ttgagtgtgg	aagggctctg	gaactgcttg	660
gcgcagagct	cgcaggcata	tggccgagaa	gtaagatgtc	gggtggggcct	tccttggttt	720
ccagccccc	ctgctttgtc	tccatcacag	agttcacact	gcagcttggg	catctcttta	780
gtttcttctt	cctcaaagg	tttatcctga	ggagccttcc	ccacggcgca	atccagttct	840
gctgggtatt	tacatttatg	gctcgggctc	ctgtttccgt	gctccttcc	ccagttgact	900
ttctctattt	ttttcaactg	tctggatttc	tttttgggtt	tgtagttgta	gtaagggcgc	960
cacggtttgt	cagtggaatc	ctggtcactt	gcgtcatcga	acacttcact	catctccatg	1020
cactcggatt	ggcaaagacc	gagtgggctg	tctccactgg	gttatgggtc	attccccgtg	1080
ggcaaaggct	cctcctgcat	ctgatacttg	ggctttctcc	ctcttttata	aaacaattta	1140
gatcatagaa	tgtgcctttt	cacaatggct	tcgtttccaa	ttttcactgt	tatttgga	1200
aggggtgcaa	cattactatt	tgtggagggt	cccggcagag	caggttttgc	aatgtagggt	1260
tcaattttgc	tggtttcttc	agcaatattt	gtggttttgc	tcagtgatcc	tccaggatca	1320
gcaacatagt	ttgactcaac	cggtatttct	cccctgggat	gtgatgtagt	tttctttttc	1380
tccttagtgc	ttttgggtct	gaacttcenc	gcnnattgct	aatgaactcg	aangagcccc	1440
a						1441

<210> 3060
 <211> 1951
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (45)...(1907)
 <223> similar to gi186774 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3060
ccaccctcc accaccaccc cctgccccac ctgcccagct gccctgccc cagtgtccca 60
agtcctttgc ctcagcttcc cggctgtccc ggcaccggcg tgcagtacac gggccccctg 120
aacggcgtca ccgctgtggg gtttgtggca agggcttcaa gaagctgac cactgtgcga 180
accacctgcg gacacacacg ggtgagagcg ccttccagtg ccactcatgt ggcaagacct 240
ttgcttcttt ggccaacctc agccgccacc agctgaccca tacgggtgca cgtccctacc 300
aatgcctgga ctgtggcaag cgcttcacac agagctccaa cctgcagcag caccggcggt 360
tgcacttgcg gccagtcgcc tttgcccgcg ccccccgcct ccccatcact ggtctctaca 420
acaagagtcc ctactactgc gggacttggt gccgtgggtt ccgcgccatg gcgggcttgc 480
gactgcatca gcgggtccat gcccagagtc ggactttgac gctacagcct ccagatcac 540
catctcctgc cccacccccca cctccagagc ctcaacagac tatcatgtgc acagagctgg 600
gggagaccat cgccatcatt gagacatccc agccactggc gcttgaggac accctgcagc 660
tgtgccaggc tgcactgggg gccagtgaag caggcgggct cttgcagttg gacacggcct 720
tcgtgtgacg cagctgaaaa gcaacaacaa aagggtttgg ttgcaacagc cagtgtgggt 780
acctctgggg agagaggacc tcctctgaca aactggctctg gtaccacca tgtgcccagg 840
tccacctggg cctcttttta cccactgact cccagaaca acccttccag gcttctcttg 900
tcacttttct ctgcctgagg ggaaactgaa gctctgaaat gcgatgtgat ctgtaccagg 960
tcaccagct atgtgcaaa gtgggttggc caaggccctt tgcactgcat caccctgggt 1020
cccagcaaca tcaggttaacc ttcactgagc accaagctta tgccaggctc gtgctggcca 1080
ctctcatata cctcttcaga tcctctgctt gtacccccag cccttgctt ccctggattt 1140
tgggcaccca ggactttgct ctgcctgggt gaggggtactt gatttctctg ggcttccttc 1200
atctcaattc tgacagtgtg gaaggaaatc tgtaggtacc caggctctca gctccagact 1260
gggtgatgct ggagaccag gagcaagtca gcacaggctc tgcccacagg aggcattgcac 1320
aatctggtag gagaaacgca caagtacaga tagcttgctc tctgagtgtg tctcattgat 1380
tcattcagcc tgtgtgtcct aaagcctccc ttctcccata ctgggtgatg ctggggggcag 1440
agatgagtca ggcctaaagc ttctctgggc tgtgatgggg atgtgcaggg acagtgggat 1500
cccaggaaac agacctccat ggtgggagat caccagttaa ggacttccta gagaaggtag 1560
tccctgaagg aaaagtagga atctggcagt gaaagaggaa aagaacattc caggcagaca 1620
gcactgcaag agggtgagct cttggtgtat ttggagacca tccagttatt catctgactg 1680
cctacctgag gcaagcacca cacttaccac tgtatgtgta ctatgatccc aacaggcttg 1740
tgacatagat ttcataattat ccctgttgta tagattttta aaactgggtg ctgggcgtgg 1800
tggtcacgc ctgtaatccc agcactttgg gaggccgagg cgggcagatc acgaggtcag 1860
gagatcgaga ccactctggc taacacgggt aaaccccgtc tctaactaaa atacaaaaaa 1920
ttagccagga gtggtggcgg gcgcctgtgg t 1951

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<210> 3061

<211> 2725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(2521)

<223> similar to gi433338 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3061

ggaattcgct	atatgccgct	atcctctggg	catgtcagga	ggccagattc	cagatgagga	60
catcacagct	tccagtcagt	ggtcagagtc	cacagctgcc	aaatatggaa	ggctggactc	120
agaagaagg	gatggagcct	ggtgccctga	gattccagtg	gaacctgatg	acctgaagga	180
gtttctgcag	attgacttgc	acaccctcca	ttttatcact	ctggtgggga	cccaggggcg	240
ccatgcagga	ggtcatggca	tcgagtttgc	ccccatgtac	aagatcaatt	acagtcggga	300
tggcactcgc	tggatctctt	ggcggaaccg	tcattgggaaa	caggtgctgg	atggaaatag	360
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gttcattcca	gtcaccgacc	actccatgaa	tgtgtgtatg	agagtggagc	tttacggctg	480
tgtctggcta	gatggcttgg	tgtcttacia	tgctccagct	gggcagcagt	ttgtactccc	540
tggaggttcc	atcattttatc	tgaatgattc	tgtctatgat	ggagctgttg	gatacagcat	600
gacagaagg	ctaggccaat	tgaccgatgg	tgtgtctggc	ctggacgatt	tcacccagac	660
ccatgaatac	cacgtgtggc	ccggctatga	ctatgtgggc	tggcggaacg	agagtgccac	720
caatggctac	attgagatca	tgtttgaatt	tgaccgcata	aggaatttca	ctaccatgaa	780
ggtccactgc	aacaacatgt	ttgctaaagg	tgtgaagatc	tttaaggagg	tacagtgtca	840
cttccgctct	gaagccagtg	agtgggaacc	taatgccatt	tccttcccc	ttgtcctgga	900
tgacgtcaac	cccagtgtct	ggtttgtcac	ggtgcctctc	caccaccgaa	tggccagtgc	960
catcaagtgt	caataccatt	ttgcagatac	ctggatgatg	ttcagtgaga	tcaccttcca	1020
atcagatgct	gcaatgtaca	acaactctga	agccctgccc	acctctccta	tggcaccac	1080
aacctatgat	ccaatgctta	aagttgatga	cagcaacact	cgatcctga	ttggctgctt	1140
ggtggccatc	atctttatcc	tcttgcccat	cattgtcact	atcctctgga	ggcagttctg	1200
gcagaaaatg	ctggagaagg	cttctcggag	gatgaaatga	cagtcagcct		1260
ttccctgcca	agtgattcta	gcatgttcaa	caataaccgc	tcctcatcac	ctagtgaaca	1320
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caggctgata	cgaaaactcc	cagaatttgc	tccaggggag	gaggagtcat	gctgcagcgg	1440
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catagtgaac	ctccaaggag	tgacaggagg	caacacatac	tcagtgcctg	ccgtcaccat	1560
ggacctgtct	tcagggaaaa	gatgtggctg	tgggaggagg	tttccccag	ggaaactcct	1620
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taaggagata	aagatcatgt	ctcggtctca	ggacccaac	atcatccatc	tattatctgt	1860
gtgtatcact	gatgaccctc	tctgtatgat	cactgaatac	atggagaatg	gagatctcaa	1920
tcagtttctt	tcccggccag	agccccctaa	ttcttctctc	agcgatgtac	gcactgtcag	1980
ttacaccaat	ctgaagttta	tggctaccca	aattgcctct	ggcatgaagt	acctttctc	2040
tcttaatttt	gttcaccgag	atctggccac	acgaaactgt	ttagtgggta	agaactacac	2100
aatcaagata	gctgactttg	gaatgagcag	gaacctgtac	agtggtgact	attaccggat	2160
ccagggccgg	gcagtgtctc	ctatccgctg	gatgtcttgg	gagagtatct	tgctgggcaa	2220
gttcactaca	gcaagtgatg	tgtgggcctt	tgggggttac	tttgtgggaa	aactttcacc	2280
ttttgtcaaa	gaaaaggccc	ctattcccca	gctgtccaga	tgaacagggt	tattgaagaa	2340
atactggaga	gttcttcccg	agacccaagg	gagggcagac	ttacctcccc	tcaaccagcc	2400
catttgtccc	tgactcctgt	gtaataaagc	tgatgtctag	ctgctggaga	agagatacga	2460
agaaccgtcc	ctcattccaa	gaaatccacc	ttctgtctct	tcaacaaggc	gacgagcgat	2520
gctgtcagtg	cctggccatg	ttcctacggc	tcaggtctct	cctacaagac	ctaccactca	2580
cccatgccta	tgccactcca	tctggacatt	taatgaaact	gagagacaga	ggcttgtttg	2640
ctttgccctc	ttttcttggt	cacccccact	ccctaccctt	gactcatata	tacttttttt	2700
tttttacatt	aaagaactaa	aaaaa				2725

<210> 3062

<211> 302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(251)
 <223> similar to gi5002330 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3062
 catcaaagaa atcacactgg agagaagcca tacaaatgta ttgaatgtgg caaggccttt 60
 gggcggtttt cttgcctcaa caaacaccaa atgattcatt ctggagaaaa accttataaa 120
 tgtaatgagt gtggcaaatac ttccattagt cgctcaggcc tcactaaaca tcagacaaaa 180
 catactgcag agagtcttaa aacaaaattc aatgtggaaa agcctttaga tggtctccta 240
 acttctgggt tcaaataatt catacttatt gatatagctt gtatatttgt cacttccgtc 300
 tg 302

<210> 3063
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (356)...(94)
 <223> similar to gil710216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3063
 ttctttcaga ctttttgctt taaatattct gtttgaaaaa aatactggtt tcctaagtaa 60
 attattttct tggccattca ctgtggctca catctgtgat cccagctctt tgggaggcag 120
 ggggtgggagg atcacttgat ccaggagttc aagaccagcc tgggtaaccc atctctacaa 180
 aaaattaaaa aattagcccg gcatgatggt gcaggcctgt ggtctcagct actcgggagg 240
 ctgaggcagg aggatccctt gaacctggaa ggttgaggct gcagcagact gtgattgcat 300
 cactgcactc cagcctgggt gatagggtga gaccctgtct ggggaaaaaa aaaa 354

<210> 3064
 <211> 2729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1349)
 <223> similar to gi505102 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3064

gcgaccgccc	ctcgggtgagg	agtggcgagg	gggcccaggc	tagccttcag	cgaggatgtg	60
cctgagcgtg	ttcggcgcgga	atctgagcct	gtcgggaggc	gcagctccag	cacttgctgg	120
agcagatggg	agccgccttc	ccgcgtgggc	cgtcccggag	cctggccagc	tgacacctca	180
accagtgttt	aactggctga	agagatcttt	tcccttcag	gcttttcaaa	tgctacccaa	240
ataaccagct	ccaaattctc	tgatcatctg	ccagcagctc	tacagcaatt	gaactttcac	300
ccatgtgagg	atcgcccaaa	gcacaaaaca	agaccaagtc	attcagaagt	ttggggatat	360
ggattcctgt	cagtgcgat	tattaatctg	gcctctctcc	tcggattgat	tttgactcca	420
ctgataaaga	aatcttattt	cccaaagatt	ttgacctttt	ttgtggggct	ggctattggg	480
actctttttt	caaatgcaat	tttccaaact	attccagagg	catttggatt	tgatcccaaa	540
gtcgacagtt	atgttgagaa	ggcagttgcc	tgtgtttggg	ggattttacc	tacttttctt	600
ttttgaaaga	atgctaaaga	tgattattaaa	gacatatggg	cagaatgggc	ataccactt	660
tggaaatgaa	taactttggg	cctcaagaaa	aaactcatca	acctaaagca	ttacctgcca	720
tcaatggtgt	gacatgctat	gcaaactcct	ctgtcacaga	agctaattga	catatccatt	780
ttgataatgt	cagtgtggta	tctctacagg	atggaaaaaa	agagccaagt	tcattgtacct	840
gtttgaaggg	gccccaaact	tcagaaatag	ggagcattgc	ctggatgata	acgctctgcg	900
atgccctcca	caatttcctc	gatggcctgg	cgattggggc	ttctgcacc	ttgtctctcc	960
ttcagggaact	cagtacttcc	atagcaatcc	tatgtgagga	gtttccccc	gagttaggag	1020
actttgtgat	cctactcaat	gcagggatga	gcactcgaca	agccttgcta	ttcaacttcc	1080
ttctgcatg	ttcctgctat	gttgggctag	cttttggcat	tttgggtggg	aacaatttct	1140
ctccaaatat	tatatttgca	cttgcctggg	gcattgttcc	ctatatttct	ctggcagata	1200
tgtttccaga	gatgaatgat	atgctgagag	aaaaggtaac	tggagaaaaa	accgatttca	1260
ccttcttcat	gattcagaat	gctggaatgt	taactggatt	cacagccatt	ctactcatta	1320
ccttgtatgc	aggagaaatc	gaattggagt	aatagaaaaa	ggaagatggg	gttggttaata	1380
aaggcattta	atagataaaa	acatctccaa	aaaggatttt	gaagctgatc	ctatttagtt	1440
aaaaagataa	ttttgctttc	aactgtagg	ccagaaaact	aattattggc	atcagctctg	1500
gaaatagtcc	attattttgt	gttaaaaaat	cttcaaaagg	ttttcagttg	cagctctgaga	1560
tgcttggtat	ataggagcct	ttgggaaata	cctatttttc	agtattccat	gcatattgga	1620
tatcaccatg	aagcaagaga	catgcattct	ataatcatgt	agacactcag	actcagggga	1680
aaatacaagt	tatatcctga	aagcctttta	aactctatgg	taggatcaaa	gattcaaatg	1740
gtttcagaga	ggtttttatt	caattaattt	gttctagtgc	tttcaagagc	aagtacatca	1800
aaatgtagaa	ggtaaaatgt	atgcaacact	aatataaatt	attccaagtc	tttaaggagc	1860
caaagaaaaa	aaagatttct	cacagctttt	tgttctgttt	tgtatttcaa	ttagggaact	1920
gcagtattat	tttgaaaacc	attctaaaat	aataggagtt	aggaaataaa	taaagttttg	1980
ctagccctgc	taagttcagg	cttagaggct	tatcgctaag	tataaacttc	accagattcc	2040
acgaaaagct	ggatagcttt	ttttctgact	tatgttggg	ttgcaccctt	cacaaatggc	2100
agaacagtat	gtaaagctgg	taacacctcg	gtttcagttg	accatgtgtt	tgctttgtga	2160
aggtgaagaa	tatgttgggt	tagagaaaaga	aattggatgt	aatttttatgc	aatttacttt	2220
taaagacaaa	cataactatt	tagcagagaa	tatttttaata	aatgcaaaac	aacagctgga	2280
ctgctgtaca	tcaaggacag	attaactgga	aaacatatgt	tccttatgtg	tgattgagag	2340
ccattcagaa	aagacttcct	ttgtgttcag	cctatacttt	tccatatggg	ataccttgaa	2400
aaaaatttag	acaccatggg	tattttttcta	cctttttata	aagacagagc	ctgttttact	2460
atttagaaga	tagagaaaaa	tggtctaaaa	ttgaacatcc	tagattcaca	ctcccaagtc	2520
acttaagggt	atttgatggg	gaggaaaaat	attgacaaa	cccaacaatg	atctcaggaa	2580
ttacattttc	caacagacca	aaaaatgttt	tcatgtagca	gcaatgcaga	tttgggtgaat	2640
atttaatatata	tatttttagta	tgtattttcac	tttatgactg	acaattaaaa	aatattgttt	2700
ggccaaacag	taaacaccct	tttgaaacc				2729

<210> 3065

<211> 1446

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1374)...(144)
<223> similar to gi5305335 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3065

aaccgaggtg	cataggacct	cgcggaaccc	cggtcgaccc	cgcgctccgga	gcgcctcgcg	60
gttcggaaga	gcggcgaaat	gctcttccgc	tagaccagcc	actttttggg	aatgagggcg	120
cagtcggagc	ttgaacatct	ctccgagctg	cggcgggaag	cggggaagga	tcgcagctca	180
atgcatgggt	cggccgcgcg	gacgcgtgcg	agtgtgcgga	ctcattggac	gacggcggcg	240
gcggcgaaag	cggatgaaga	ccccggagcc	aacttgtttc	cggtgagggc	gggacagtct	300
gagctgctcg	tgaatattta	taaaccggct	ccccgcagg	cgccacctgt	cattatgctt	360
actaacgttc	gggacgtctc	ccgggctgct	tgggcgagga	gaggcagggg	tgtgtgaccc	420
cggtgggttac	tgtgctcgcg	tagagcacct	agggcctgct	gaagccctcc	ctcgcccgcg	480
cctctcctta	gtccttgaga	tgagatggca	agttacagcg	gcttctccgg	cctgctggag	540
attcgctacg	ggccaggaca	ccgcagctgc	cttccccaat	tcgctttctt	tccgcagccg	600
ccgctgcccc	gaccccgat	ctgcatgtgg	aagtacctgg	acgtccattc	catgcaccag	660
tgggagaaga	ccaccaatgc	tgagatgagg	gaggtgctgg	ctgagctgct	ggagctaggg	720
tgctctgagc	agagcctgag	ggacgccatc	accctggacc	tcttctgcca	cgcgctcatt	780
ttctgccgcc	agcagggctt	ctcactggag	cagacgtcag	cggttggtgc	cctgctccag	840
gatcttcaca	aggcttgat	tgcaaccccc	ttgggcaacg	tggaggagtg	ctaccgctac	900
ttcaccagtg	tccttttttg	ccatggagtc	aggcggcctc	ctttcagcat	cgacctcttc	960
aaagaggaac	agctgctggc	cttgggaagac	tacgtgggtca	acacttactt	ccgccacttc	1020
aagctctata	aatacgtctt	cacaccccag	gtgcggtggt	atctgtcttt	gacttacatg	1080
gggctacagc	cacccaaact	gtggccagag	agtgagacgg	agaaagaaga	aagcaaggag	1140
atggaggagc	aggcagttac	cccgcagaaa	gaggaactag	agacagtggc	cccaccagag	1200
ccagagccaa	gccacatcca	cgctctccga	gcctacatca	agacccaagt	gaacaaagag	1260
ctggagcagc	tccaggggct	ggtggaggag	cggctcaagg	ccagcgagga	aaggctcagc	1320
agcaagttag	ctgcactaga	gcggcccttc	cagctacctc	cgggtaaagg	gtagagcatg	1380
atccagtgtc	cccatacatt	ttccccgaat	tagagctctg	ggccagaatg	gcaccatccc	1440
tgcaaa						1446

<210> 3066
<211> 2190
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2191)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (57)...(753)
<223> similar to gil504006 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3066
attacgccaa gcttggcagc agggaccctt ccaaactgtg tagacatagt ctaaaatggt      60
tggagtgtaa tgaagtcttc caggacgaga catcactggc tacacatttc cagcaggctg     120
cagatacgag tggacaacaa atgaagaaac acccctgccg ccagtgtgac aagtctttca     180
gctcgtccca cagcctgtgc cggcacaacc ggatcaagca caaaggcatc aggaaagtgt     240
acgcctgtct gcaactgcca gactccagac gtacctttac caaacgtttg atgctggaga     300
agcacgtcca gctgatgcat ggcacaaagg accctgacct gaaagaaatg acagatgccca     360
ccaatgagga ggaaacagaa ataaaagaag acactaagggt cccagtgccc aagcgggaagt     420
tggaagaacc agttctggag ttcaggcctc cccgaggagc aatcactcaa ccaactgaaa     480
agctgaaaaa caatgttttt aaggttcaca agtgtgccgt gtgtggcttc accaccgaaa     540
acctgctgca attccacgaa cacatccctc agcacaaatc ggatggttct tcctaccagt     600
gccgggagtg tggcctctgc tacacgtctc acgtctctct gtccaggcac ctcttcatcg     660
tacacaagtt aaaggaacct cagccagtgt ccaagcaaaa tggggctggg gaagataacc     720
aacaggagaa caaaccacgc cagcagggtg gaatccctcg atgggcgccg tgccttaaat actcacatgc     840
aaagtgcaaa gtgttgcgca aaaacttttg aaactgaagc ctcagcccga gaaatagcca     900
ggacacacgg catggccttc atcaaatcca aaaggatgag ctacagcccga gaaatagcca     960
cagatgctcc catgaggaaa atccccgtcc cacattggaa taaaaaagac atttttgtta    1020
caaagtttgc cagtataata gagttaacag tactgtctag gctgttgcaa tatattctct    1080
ttcaatgtac ctcccttcac ctgcgtctat atatcctcga taagtattaa aacagtattt    1140
gagtttaaaa gagtttgtat atatttaaat gaataacttt ttatactctt tgttacatgt    1200
ttgtatcagt atttagtgga aaaccatttg agttgttttg ggtagaattt tttctttttg    1260
tactgtttct ttaaaacaga gttcttagta acaggggagc ttctgaattt caaataaacc    1320
atthttgtatg tttggatttt gaatgggtta actaattaca ggctaaaata atgccttttt    1380
tagtgthttt aatttttaga attcactaca taaattgtaa gtaattgtgg gtctcaaaaa    1440
cactaggaac ttttaagtgt cttagcactt cctcgatgtg cctgccttga gggagttagt    1500
tcacatttga gacaactgca ctccagtgtg gacgtgcctt tgtcttcagg ccatgccgaa    1560
gggtgtttta agcagtcttg caggtcgctc ctttcccagc cgtggataaa aactgaagct    1620
aggaatctaa taaggaatgc tgatttctc agttccattt tgaggaatgg ggaaggctat    1680
tctaaagaaa aaaatgggat ttgttttctc ggcagatctg caaggctggc ttaagagca    1740
caaggaggga aagtaacgaa agggctggac tactataaaa gttacaaata cgtagttaga    1800
ccaatagatt tatatagtca ggtttttgtc atgtaattta ttaactaact attacagaaa    1860
cacagctaag aatatcaagt atttctctgg ctcttgacag aaaaaaatca gttgacttaa    1920
ccctttgtgt cgttttgagt tggcgthttc tgttctgggt gctactgcca aacgttatgg    1980
tacttagagt cggatgcac aacttcaacc accgacttat caatgcagcc gcctgtgtat    2040
tgcaattggc cgttacctta agcactgagc caccgggtt tagttcagcc atttcaagag    2100
tacatttaac gtcggcagtt ctgctttact aaaatgcagt agaggtactc ttctgtccct    2160
tccgtttata gttctctgag agagttatat tttttggttt tgtttgtgtt tcttttgaat    2190
tnatatctgt attatcctga acatgtttga

```

<210> 3067

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(544)

<223> similar to gi63568 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3067
gaaaagaaca gtgcctcttt ccactgccag aaccccagga cctttttcag gcctcacaga      60
tgaagtttga agattttcaa aaagatctca gaaaactgaa gaaagacttg aaagcctgtg      120
aagttgaagc agggaaagta taccaggtct cctcaaaaga gcatatgcag cctttcaagg      180
aaaacatgga acaattttatt attcaagcca aaattgacca agaggcagag gaaaattcac      240
tgacagagac tcataaatgc tttttggaga ccacggcata tttcttcatg aaacccaaaac      300
ttggagagaa ggaggtgtcc ccaaagtctt tcttcagtat ctggcatgaa ttcagctctg      360
acttttaaaga cttctggaag aaagagaaca aacttcttct acaagagaga gtaaaagaag      420
ccgaagaggt gtgtagacag aagaaaaggaa aatcacttta taaaataaaa ccaagacatg      480
actctggaat taaagcaaaag ataagcatga aaacttgaac aatgaaaagc agaatgaaaa      540
tgagtcattg caacgacttt cacaaaattc agctgacctg agagtgggag ggaaactacc      600
gtcattctgc tcatgtttct tcttgacctc ttgcataatc tttttgtttt ctagacagtt      660
cactaattgt tgaattttac tgtatattca tataaa                                695

```

<210> 3068

<211> 2043

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2043)...(514)

<223> similar to gi3676764 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3068
gaattccggg ggagagagag aaagagagga gagagaagaa acgggaggag gggataagga      60
aattaaaccc tttaagtcaa tgcataattgt ggtgacaccg gcacaggcgc cctcacggtg      120
gagtcggcca gggctgtgcg tccccaaat atgaccaggg gtgcttggat gtgtcggcag      180
tatgacgacg gcttaaaaaat ctgggttgga gcaccccgag agaacgagaa accgttcac      240
gattccgaga gggctcagaa atggcgactg tctctggcat ctctcttggt tttcacagtc      300
ctgctctctg atcacttgtg gttctgcgcc gaggccaagc tgaccggggc ccgggacaag      360
gagcaccagc agcagcagcg gcagcagcag cagcagcagc agcagcagag gcagcggcag      420
cagcagcagc agcagcggcg gcagcaggag cctcctggc ccgcgctcct ggcgagcatg      480
ggggagtcct cgcccgcgcg ccaggcacac agactcctct ccgcctcctc gtccccacc      540
ctgccccctt ccccgggaga cggcgggcgg ggcggcggca agggcaaccg aggcaaagac      600
gaccggggca aggtctttt tctaggaaac tctgccaaag ccgtgtggcg cctggagact      660
tgttaccccc agggcgcgtc ctcgggccag tgcttcacgg tggagaatgc ggacgcggtg      720
tgcgccagga actggagtcg gggggcgggc gggggggggc gggcaggagg tgaggagcaa      780
gcateccact ccgctctgga acttgtcgga tttttacctt tcgttttgta attcctacac      840
actttgggag ttgttctcgg ggttgtccag tcccaacact ttgaactgca gtctggatgt      900
ggtgtcctaa gaaggcggcg agatgaccac ttgcaggcag tgcgtcgagg cttaccagga      960
ctatgaccac catgtctcgg agaaatacga agagtttgaa agcgtgctcc acaaattatt      1020
acagtcggag gagtactcgg tgaaatcctg tcctgaagac tgtaagattg tctacaaagc      1080
ctggctctgt tcccagtatt ttgaagtcac acagtttaac tgcagaaaga caattccttg      1140

```

caagcaatac	tgtttgagg	ttcagacgag	gtgtccattt	atattgcccg	acaatgatga	1200
agtcactac	ggaggcctct	ccagtttcat	ctgtacaggg	ctttatgaaa	cctttctaac	1260
caatgatgaa	ccagaatgct	gtgacgtcag	gagagaagaa	aaatcaaata	acccatccaa	1320
agggaccgta	gagaaaagt	gtcctgtca	caggacatcg	ctcacagtgt	catcagcaac	1380
aagactgtgc	aacagcagac	tcaagctgtg	tgttcttgta	ctgattctct	tacacacagt	1440
gtcacagcc	tcggcagcac	agaacacagc	cggactgagc	tttgaggga	tcaacacgct	1500
ggaagaaaac	tcaaccaatg	aggagtaacg	gaaggacgag	tgtcaccaca	gcagcagctg	1560
gccccgcgtg	aaaaatggca	actgctgtct	catgtaacag	aaactgggtg	cttttaccct	1620
cgaattactt	attgcaaggc	ctttagggtg	aaatttaaac	agatgggcct	gaatccaaac	1680
aaggacacaa	ccacagcttt	ttattgacta	aaaggctgga	aagtgacttt	aaattttctca	1740
caccatttta	tacactgtgt	tttaattgtt	ggagggttta	tttgctttcg	ttttggtttg	1800
ggtttatttg	tttgtttatt	ttttgcactt	gttaatacag	gattttattt	gggggatggt	1860
ttctcagagg	taaactaagt	cttttactg	tctctatctc	tctatatatt	tctagtcatt	1920
gtgtgtgttc	atcagatagt	tctgtcttta	tgctcctgtca	gcttctatta	gaggaatgat	1980
tgctatgacc	tcatgggtata	gcaaaaaaca	acaacaaaaa	aagaataaaa	aataaaaaaa	2040
aaa						2043

<210> 3069

<211> 1994

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (114)...(1644)

<223> similar to gi3986770 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3069

cggacgcgtg	ggggaagatt	aagtctgtag	cactgtttgt	agcagcgtgt	ccaaggcaag	60
aactgataac	tctgagtgat	gttcagaagt	ttgcagagat	aaatggttca	gccctatgta	120
gttacaacct	aaagccttct	gaatacacta	catctccaaa	atcttctgtt	ctctgccccca	180
aactaccagt	tccagcgagt	gcacctatct	cattcttcca	tcgctgtgct	cctgtgaaca	240
tttctgtcta	tgccaagttt	gcagaggccc	tgatcacctt	tgtcagtgac	aatagtgtct	300
tacacaggct	gattagtggg	gtaatgacca	gcaaagaaat	tatattggga	ctttgcttgt	360
tatcactagt	tctatccatg	atcttgatgg	tgataatcag	gtatatatca	agagtacttg	420
tgtggatctt	aacgattctg	gtcatactcg	gttcacttgg	aggcacaggt	gtactatggt	480
ggctgtatgc	aaagcaaaga	aggtctccca	aagaaactgt	tactcctgag	cagcttcaga	540
tagctgaaga	caatcttcgg	gccctcctca	tttatgccat	ttcagctaca	gtgttcacag	600
tgatcttatt	cctgataatg	ttggttatgc	gcaaactgtg	tgctcttacc	atcgcttgt	660
tccacgtagc	tggcaaggte	ttcattcact	tgccactgct	agtcttccaa	cccttctgga	720
ctttctttgc	tcttgtcttg	ttttgggtgt	actggatcat	gacacttctt	tttcttggca	780
ctaccggcag	tcctgttcag	aatgagcaag	gctttgtgga	gttcaaaatt	tctgggcctc	840
tgcagtacat	gtggtggtac	catgtggtgg	gcctgatttg	gatcagtgaa	tttattctag	900
catgtcagca	gatgacagtg	gcaggagctg	tggtaacata	ctattttact	agggataaaa	960
ggaatttgcc	atttacacct	atcttgatgc	cagtaaatcg	ccttattcgt	taccacctag	1020
gtacggcggc	aaaaggatct	ttcattatca	cattagtcaa	aattccgcga	atgacctta	1080
tgtatattca	cagtcagctc	aaaggaaagg	aaaatgcttg	tgaccgatg	tgtgctgaaa	1140
tcttgcatth	gttgcccttg	gtgtcttgaa	aagtgcctaa	attaatttaa	atcggaatgc	1200
catacacagc	cacagctatc	aacagcacca	acttctgcac	ctcagcaaa	gatgcctttg	1260

tcattctggt	ggagaatgct	ttgcgagtgg	ctaccatcaa	cacagtagga	gattttatgt	1320
tattccttgg	caaggtgctg	atagtctgca	gcacaggttt	agctgggatt	atgctgctca	1380
actac̄cagca	ggactacaca	gtatgggtgc	tgcctctgat	catcgtctgc	ctctttgctt	1440
tcctagtgcg	tcattgcttc	ctgtctattt	atgaaatggg	agtggatgta	ttattcttgt	1500
gttttgccat	tgatacaaaa	tacaatgatg	ggagccctgg	cagagaattc	tatatggata	1560
aagtgcctgat	ggagtttgtg	gaaaacagta	ggaaagcaat	gaaagaagct	ggtaagggag	1620
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ttgtgtgtgt	gggtgtgtgt	atatatgtat	atgtatgtgt	gtatatatgt	atatgtatat	1800
acacacacac	acataaatca	gccaaaatca	gagaaaagga	acagggattt	aatacctttt	1860
ttatgcttat	ttttgtcaaa	catgtactcc	tttcatacgg	gtggctttta	caaggcaact	1920
tccgtcattt	aatgttttca	actgtaattg	tcttaatgga	aatgttaaaa	ttcatatctg	1980
attaacattt	ttaa					1994

<210> 3070

<211> 2076

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(1424)

<223> similar to gi1843386 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3070

ggaattcccc	gctgccccga	cgagtcggaa	ctataccgag	atccgggaga	agctccgctc	60
gaggctgacc	aggcggaag	aggagctgcc	catgaagggg	ggcaccctgg	gcgggatccc	120
tggggagccc	gccgtggacc	accgagatgt	ggatgagctg	ctggaattca	tcaacagcac	180
ggagcccaaa	gtccccaaca	gcgccagggc	cgccaagcgg	gcccggcaca	agctgaaaaa	240
gaaggaaaag	gagaaggccc	agttggcagc	agaagctcta	aagcaggcaa	atcgtgtttc	300
tggaagccgg	gagccaaggg	ctgccaggga	gaggctcttg	gagtggcccc	accgggaact	360
ggatcgggtc	aacagcttcc	tgagcagccg	tctgcaggag	atcaaaaaca	ctgtcaaaga	420
ctccatccgt	gccagcttca	gtgtgtgtga	gctcagcatg	gacagcaatg	gcttctctaa	480
ggagggggct	gctgagcctg	agcctcagag	tctacccccc	tcaaacctca	gtggctcctc	540
agagcagcag	cctgacatca	accttgacct	gtcccccttg	actttgggct	cccctcagaa	600
ccacacgtta	caagctccag	gcgagccagc	cccaccatgg	gcagaaatga	gaggccccca	660
cccaccatgg	acagaggtga	ggggggcccc	tcccggatc	gtccccgaga	acgggctcgt	720
gaggagactc	aacaccgtgc	ccaacctatc	ccgggtgatc	tgggtcaaga	caccaagcc	780
gggctacccc	agctccgagg	agccaagctc	aaaggaagtt	cccagttgca	agcaggagct	840
gcctgagcct	gtgtcctcag	gtgggaagcc	acagaagggc	aagaggcagg	gcagtcaggc	900
caagaagagc	gaggcaagcc	cagccccccg	gccccagcc	agcctagagg	ttcccagtgc	960
caagggccag	gtcgctggcc	ccaagcagcc	aggcagggtc	ctagagcttc	ccaaagtagg	1020
cagctgtgct	gaggctggag	aggggagccg	ggggagccgg	ccaggaccag	gttgggctgg	1080
cagtcccaaa	actgagaagg	agaagggcag	ctcctggcga	aactggccag	gcgaggccaa	1140
ggcacggcct	caggagcagg	agtctgtgca	gccccagggc	ccagcaaggc	cacagagctt	1200
gccccagggc	aagggccgca	gccgcgggag	ccgcaacaag	caggagaagc	cagctcctc	1260
cttggacgat	gtgttcctgc	ccaaggacat	ggacgggggtg	gagatggatg	agactgaccg	1320
agaggtggag	tactttaaga	ggttctgttt	ggattctgca	aagcagactc	gtcagaaagt	1380
tgctgtgaac	tggaccaact	tcagcctcaa	gaaaaccact	cctagcacag	ctcagtgagg	1440

cctgcccag	gctgagctgc	ttcagggcat	cctgaggccc	tgactgccag	ctgaaggcgt	1500
ataatttt	cctccgtgtg	ccccacctac	cgtccaaga	ccctctgtgc	tccccaccat	1560
cctggaccaa	ccaaaagctg	aacggatgcc	acactgtgct	ggggcccctt	gacctcagca	1620
gagccgcttc	ctgggtgctac	gcagcctcca	cactcagagc	ccgtggactg	ggctggccta	1680
agggccaggg	ctgatggtac	tgctggccca	acactgctct	ctttgtgttt	ggtttttttg	1740
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tgccgaaaga	taaagcaaca	tttggacaca	gagttggcat	gttgggtgatt	tgtgggtctg	1860
ggcggggagg	gagttgaggg	tgtgctcaga	agcatgggct	ctcccttagt	cactaacctt	1920
agcatgcacc	atgcatacgc	agtttgggtg	tattgtccca	ttttacaggt	gaggaaacta	1980
aagccgatag	gaaagtgact	cagctcaact	tagtctggct	gattagcatt	gagcgcagac	2040
tggtatgatt	atggcatctg	tgcccttttc	tccttt			2076

<210> 3071

<211> 1696

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1694)...(321)

<223> similar to gil9867 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3071

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ttccgacctc	tgctgcctc	atgccagggtg	agacctttca	tgctgtttc	catgattgag	120
aacatgggag	tacgttctt	tccacctacg	ttcctgggtg	attttctactg	gagttgggct	180
gcactgtgga	aaaggggttg	ggcagctcct	gtggcacagt	gagggggcat	agaagcccaa	240
ggcagtcggt	aagaaatcac	caatttattg	aatgaaaaac	ccaacatcaa	ctcagtcctt	300
cccaccccca	tctctctct	ctggcccagg	agacgctcag	gacagcaggg	ctgagccctg	360
ggaagggtctg	gaggagagct	tgggggaggt	atggagaatg	agaaaaacac	tttcaaaatg	420
aagttctgtg	caaaaacttc	tgggaaggag	tgagaggaca	agagaaaagc	tccaaagggg	480
ctgtggggcg	cagatggccg	ggctgggggg	tgagagggc	tgggctgggg	ccctgtgtcc	540
tcaaccactc	ctgagaacac	ggacgggtcag	gaatgagggg	ctcagacccc	gggttggtga	600
gagggaggtg	acagggaggg	aaggagcctg	ctggagggaa	acctggctgg	gaggatgggt	660
cttgggcccc	ggctggggcc	taaggagggg	gaagaacaga	gcagggaaag	gcagaaaaac	720
tgacacgggtg	ggaaggaggg	agatgaatgg	gagatgaaac	agaatgtctg	aggggcccac	780
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gctgggtgag	gggctgggag	gcagaggcag	gagcatcatt	aacaagggtg	gaagccacga	900
agacagcgac	cagtgcacag	ggtgtgtcac	atggtacaac	caagagactt	ggcgtgcaaa	960
gaaccaaaaga	aacactcagg	acacacacga	catctgcagg	gaacctgggg	gtggtgagga	1020
agtcgtgcac	gggtggtggg	gggagactgg	gaggcccctc	tgtcctagaa	acgctgtgtc	1080
accatagcaa	cagggtcctg	gaggcagggg	agctgcctcc	tgcccctgtg	agctgtgaag	1140
taggggtcct	gtgggtcag	ggtgccccct	taccctccct	tgggaagctc	tggggcaggt	1200
ggagaacccc	ataagagttg	aaagtggcct	tgggtcctgc	tggaggcagc	agagtgagtg	1260
gatctggcag	ctgcatacta	gaggacaccc	tgggtggctgg	aggggctggg	ggaggactag	1320
gctctcctgc	tggggaccag	gattccagct	ttctcatttc	cgagaaggaa	actgatacca	1380
caaggaagag	tttggaaagc	gggtgaagga	aggcctgggg	gactcagtc	aggggactat	1440
gggcaccaga	aggcaaaacc	aacacgcctt	gggcctggag	caggagggag	aaggggaaaa	1500
gcgggaagga	ggaggggctg	tgcaggggtg	ggctggaggg	gaggggaggg	aaggcgtccc	1560

tgtggcagtg	tccttcggga	cctgggagag	tgagaggcag	accctggtgc	caggggaaggg	1620
gtgctggggc	cgggcctgct	ggcctcccc	tgccgcaggc	ggtgaggctg	gtggcagtg	1680
caggaggga	agtgcc					1696

<210> 3072
 <211> 1515
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1516)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (9)...(1134)
 <223> similar to gi3135309 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3072						
ctctcctcag	cggctcgct	aagtccagtg	cctcccaagc	aggggctgca	gcggggcagg	60
gagccccgc	ccctgccct	gcctcccaag	agccccttcc	catagctgga	ccagggtggga	120
cagggatttt	gggaggagga	tggggcctgt	gttggtgagg	gctggttggg	agagagggac	180
acagagggga	tgctgtctc	acctgcccct	gtcgtgtgt	ccctggatcc	ggccccagcg	240
acagcacctg	ctccacggcc	acttggtcc	attcagagac	caaacagctt	cctcttccgt	300
tcctcctctc	agagtggctc	aggeccctcc	tcaccagact	ctgtcctgag	acctcggcgg	360
tacccccagg	ttccagatga	gaaggactta	atgactcagc	tgccgcagg	ccttgagtcc	420
cggctgcagc	ggcccctgcc	tgaggacctg	gccgaggctc	tggccagtgg	ggtcatcctg	480
tgccagctgg	ccaaccagct	acggccgcgc	tcctgtccct	tcacccatgt	gccctcccct	540
gctgtgcaa	aactcagtg	cctcaaggct	cggagaagt	tggagagttt	tctagaagcc	600
tgtcgaaaaa	tgggggtgcc	tgaggctgac	ctgtgctcgc	cctcgatct	cctccagggc	660
actgcccggg	ggctgcggac	cgcgctggag	gccgtgaagc	gggtgggggg	caaggcccta	720
ccgcccctct	ggccccctc	tgggtctggg	ggcttcgtcg	tcttctacgt	ggtcctcatg	780
ctgctgctct	atgtcaccta	cactcggctc	ctgggttcc	aggcccaaaa	atcgccctc	840
cctcacccct	ttcccttcc	ctctatttat	aaggctccctg	ctccaccga	ccccacctgc	900
ggtgccttca	gccccaaaca	aagacactag	tgacccccct	tcacagacac	tgacctcaga	960
ggccccactc	tgggtgcccc	agaccctggg	ccccagcct	ctggcctccc	tccagtagcc	1020
ccacgagtec	ccacctctca	gtgctgacgg	tgccctcatg	tccccgcgg	ccctgccct	1080
gcccctctgta	ccccgtgagg	ggtggcagga	gctggagtct	cccccttcc	cctgtgccct	1140
ccccctcccc	ccccaaacagc	tgctatgggg	gggctaaatt	atctctatatt	tgtagagagg	1200
atctatattt	gtaggggttc	ggggcccagg	ccgggtccct	atctctgtgt	ataaactgta	1260
cagaccgtgg	cgcctctgcc	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtg	1320
ccccacn	cacncacacg	cgcacatntg	nttcgcgtgt	gggggggtgt	ggacatgttt	1380
ctgtgcccac	cagcatctcc	ctcctgagat	gccgcccttt	tttgcctccg	gagcgtgcgc	1440
caaccccccg	ggtcaactcc	tttttgttat	cgggtgatttt	ttttttcggg	cctaattggc	1500
ccccgcccc	cgcct					1515

<210> 3073
 <211> 4664
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4665)...(580)
 <223> similar to gi3043708 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3073

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gtgaaaacct	gtcccatat	tgctaagact	catgaagtat	aatctctcac	cttctttctc	180
tttcccctgc	ccaggcccta	agttagggtt	cccatccata	taacaaagac	ttctggctag	240
gtggcatttg	ctatctctgg	gattccctgc	ccatgaaagc	cacaaagaga	tttcttcttt	300
tacacaccct	gaagcataat	atggccccag	caaggctaac	taaatcaaac	tgtggtttta	360
aaacaaaaca	aaccaaccac	tgtgaaatat	ttatttttgt	ttttagtat	taagcatgat	420
taaaccagtg	cagaaaaata	ccaagtacat	tgggtgaacg	atgagctagc	tgttctagta	480
tttgcttttt	gtaatccagt	taagaccatc	agcatataca	acatcatcac	taactcaaca	540
atgtagctgc	agggtaacat	gtggataccc	tgtgtgctct	actggcctcc	aaaggcattc	600
aggggatcat	caaagatggt	ggacaccttg	tgttcaaata	ttggttcagg	tgccgcctgt	660
gcagatcggc	tttttggttt	ggttgtctta	gcctggatac	cagaggagaa	gatgtcatcc	720
atatcatcat	caaatataga	cttggcttcc	actttctttt	tggacttttc	ctttggtttt	780
acagttaagt	cagcaaagat	atcaatgtta	tcacaaata	aattagattc	ccaatgtttt	840
ctccttctct	ctggttttct	gagagggttt	aattgcttcc	gtaggcaaaa	tatatcatcc	900
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ttttgtctca	ttcttcttga	ctttctgata	tgtaaagggg	gtcatcctca	tcttccagga	1020
gaggaaaggg	atttgttttc	tttgctggtt	ttggttttag	agactgaaag	agatcatcat	1080
cactgctggc	ctgccttaga	gcaggaaaca	tggggctctt	tgctttacca	cccactgggtg	1140
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cagtgcctgt	ggaaaagatg	tccccagaat	caaaaaggtc	agcctccctc	ctggaatgac	1260
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cgctcatgtc	ctcagtcctg	ctggactcct	gagcagccag	ccgcctagct	gcacgggtct	1500
gcggtctacg	cttccctctc	atcttgacac	ggctcttggt	tgcactgtgt	aaggtgtctg	1560
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caacatctgg	gtcattgtcc	ttttggagct	tgtggctgaa	aagcagctct	tcacctctgga	2040
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ttagacctgc	tgtcagatgc	taagtgggtc	tgtgaagcag	gaatattcca	ctggctcctc	2700
tcatcactgc	tgaacaacag	ggcagatgct	ttctttttgg	agagctcgga	ggcttttget	2760
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agcagagatg	caccttttaa	gttactcgcc	ctttgagaag	aaaacaaatc	ctcagagtcc	2940
tcctcatctg	aaaataagcc	tttttgagtc	tttgtttctg	atgagggtct	gagatttttg	3000
ctggaagata	aggtaacctt	tttttctgct	cttgctttat	tttcatctgt	ctgactcaca	3060
gtggcttctg	gcgatgctac	ggctttttct	ttgaacagat	ctccttcttc	atcaccaaaag	3120
atatcagcag	tggattggac	tttgccgtgt	ttagaagggt	tgctgtgggg	tgccgagaaa	3180
aagtcgtcat	catcatcacc	atcatcatca	tcaaagaggc	cagtggggagg	gggaccatag	3240
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ctgaacaggc	cacctccaga	gccaaatggc	gagaagtctc	cgtcgggtcag	cttgggggggt	3540
gcgaataagt	tatcctcttc	atcgtctgaa	ggagtctctc	tttcttctct	ctctttgagt	3600
gtcttccgag	gttttgcttc	tcctgagggt	aagggtgtcg	gctcctcgtc	cactcgacct	3660
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tgttcattgt	cactgtgatg	ggcaaaatct	tcactgtact	cctcctcttc	tttctcttcc	3900
tcagtgtcca	caatactgcc	acgatcactg	cctacagagc	cttcttctct	ggacagctct	3960
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cgatcaatgt	atagatcctt	tggttcaagg	atcagttcca	cccgccatt	agcatcatct	4080
tcctcggagt	ctgagtttcc	tgctttgata	tcaagttgct	caaaggcact	gtccaatact	4140
tgtaagccat	agttcacagc	ctcctggact	ttaggaatga	gatctacttc	tttctgctct	4200
cgtgtcttct	cctgctctgt	tttttctgcc	tcagccttga	gtactggctc	ctccacttct	4260
tcactatata	cacgattctc	aatgaactgg	gtattagaga	gcataaggaa	gtcattgaag	4320
acattatgca	ggcgacaatc	tgtggctttg	gtttcccgaa	ttagtcctgc	cacttggttc	4380
ttgatttcat	gggtcctaga	gatagtttgc	tgtgagaatt	cctgtagaaa	ctgtagtagg	4440
cccgctcgg	ccgccagcga	ccagctctgg	ctgctcctgc	ggatctcctc	catcgaccac	4500
ggcgctcccc	acacgggctc	cgacgctggc	gccagctcct	ggcgggggt	cgtcgggttc	4560
atcatcctag	ccgcccgggt	cgggtgggctc	cgaagctgcc	agcacacgcc	gaggactgca	4620
gagccccgga	agcctagccc	cagccaaagct	gcccggggcg	tgac		4664

<210> 3074

<211> 3067

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(2837)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3074

tttttttttt	ttgatgtgga	gtctcgctct	gtcgcccagg	ctggagtgca	gtggtgcat	60
ctcggtcac	tgcaagctcc	gcctcccggg	ttcacgccat	tctcctgcct	cagcctccca	120
agtagctggg	actacaggcg	cccgccacca	cgcccggcta	atTTTTtGta	tttttagtag	180
agacgggggt	tactgtgtt	agccaggatg	gtctcgatct	cctgacctcg	tgatccgccc	240
gcctcggcct	cccaaagtgc	tgggattaca	ggcgtgagcc	accgcgcccg	gctgcaaata	300
atctttcttt	ttttcttttt	ttctgagaca	gagtctcgct	ctgttgccca	ggctggagtg	360
cagtggcggg	atctcggtct	acggcacgct	ccgcctcccg	ggttcacgcc	attctcctgc	420
ctcagcttcc	cgagtagctg	ggactacagg	ggcccgcac	cacgcccggc	taattttttt	480
gtatttttag	tagagacggg	gtttcaccgt	tttagccggg	atgggtctga	tctcctgacc	540
tcgtgatccg	ccgcctcgg	cctcccaaag	tgctgggatt	acaggcgtga	gccaccgcgc	600
ccggcctatt	tttagtttta	aacaaaaaag	tttaagaagt	aaaaaaaaaa	catgttttgt	660
tgctgttttc	tttgagaggg	agtttagcat	tgatgcccat	gctggagtac	aggggcatga	720
tctcagttta	ctgcatcatc	ctgcctccga	gttcaagaga	tttctctgcc	tcagcctcct	780
gagtagctag	gattacaggc	tcttgccacc	acacccca	cattttttgt	atttttagta	840
gagaacggga	attcgccatg	ttggccaggc	tggtcttgaa	ctcctgatct	caggtgatcc	900
gcccgcctcg	gcctccctaa	gtgttgggac	tacaggcgtg	agccaccatg	cctggcccca	960
accagaacac	ttctgagcgt	ggaagaggat	gctgttaatt	actcaagacc	aaaaggcata	1020
aaaggagaca	tatgtccacc	caagtgataa	ggcagtttgg	gaaactacat	ttcccagtat	1080
gccttgcccc	ttgaaagtta	aaaatcttaa	ctggcacaga	gcaccctggg	acacctgtgg	1140
ttagcaccat	ttaagaagta	aaaggtatag	ggttgggttc	tgacgtgaag	gctttccctt	1200
tccatgggac	acttaaccag	acacaggaca	caacacctga	ggtgaaattt	caatgggtat	1260
taagtctggg	gtagagcttc	tctctcccca	aatctagctt	ccaaagatgt	ggagctgggtg	1320
gagctgtcca	ttggtccact	gcctgttttc	tctgggtgc	tgctctgcc	tcctcatatc	1380
accagcgtcc	ccactgccac	tagtctgtag	ggggattccg	ggctaggtgc	tcttccact	1440
cgacttcaac	caacttatat	agctccatgg	tggcctgggc	atcttcaca	gaggaatgtc	1500
cgctcttccc	aacctggata	tcccggttta	gcagcttctt	ggtgagatgc	ttcagagaca	1560
tggtggcatt	ctccgggcag	tcagccttcc	ggttgagggg	ggggatatgg	gaggtgtcac	1620
gggtgagggg	cttgggggtga	aagtactgaa	gggctttgaa	gtcgttgtgg	atggcatgcc	1680
ccaccactat	cttccctgtg	agtatcttca	agatctctcc	atccttgaaa	tgctcactcc	1740
cacaagtttt	ctttcttctg	gaatccacct	tctcttcca	caggtgattt	ccatgggtata	1800
ccctgttttg	actcactactg	ccagtggctc	cttaccttct	tattgatctc	caccccatga	1860
cattaatttg	ccttcagctcc	taaatgacac	tcattgttga	gatgtccatg	tatttagttc	1920
agttctggct	tgctacatga	agtcctttta	ctattaccat	tatgttggcc	ttagacacat	1980
ggctgggacc	cgggctccag	ggaggctaac	aaaagcccaa	aattacatgc	aattagatgt	2040
gtatgggtac	tagaggaaga	gaatctgtgg	ctttcatcaa	attctcagag	tctacaaacc	2100
gtaaaaaatt	aagaatcaca	tataaactaa	agttgcagaa	gcaaccttat	tcacactagt	2160
tttggaaacca	agtaaaataa	aaataacttc	tcaatatttc	aggaaaactgt	tttttttttt	2220
tgagatggag	tctcgctctg	tcgcccaggc	tggagtgcag	tggtgcatc	tcggctcact	2280
gcaagctccg	cctcccagg	tcacgccatt	ctcctgcctc	agcctcccaa	gtagctggga	2340
ctacaggcgc	ctgccaccgc	gcccggctaa	ttttttgtat	tttttagtaga	gacgggggtt	2400
caccgtgtta	gccaggatgg	tttcgatctc	ctgaccttgt	gatccgcccg	ccttggcctc	2460
ccaaagtgtc	gggattacag	gcatgagcca	ccacgcccag	gaaattattg	tagttttagt	2520
agagacaaga	tttcaccatg	ttggccaggc	tggtctcaaa	ctcctgactt	caggtgatcc	2580
gcctaccttg	gcctccaaaa	gtgctgggat	tacaggcatg	agctactgca	cccggcctaa	2640
ccaggctgga	gtgcagtgg	gggatctcgg	ctcactgcaa	gctccgcctc	ccgggttctc	2700
accattctcc	tgctcagcc	tcccagtag	ctgggactac	aggcgccac	caccacgccc	2760
ggctaatttt	ttgtattttt	tagtagagac	ggggtttcc	catgttagcc	aggatgggtc	2820
cgatctcctg	acctcgatg	ccgcccgcct	gggcctccca	aagtgttggg	attacaggcg	2880
tgagccaccg	cgcccggcca	gcagcttcat	ttattagggg	cttcgggtgag	ggtggggaaa	2940
ggcagcgcca	gggtcagagg	cgcgaaaga	agagcttggg	gccgtggtcc	agcgtgcact	3000
cgcgggggcc	cggccgactg	ggctgcagct	ggcgaggggc	gtccctgtcc	tcagcgcaga	3060
ggcgtct						3067

```

<210> 3075
<211> 857
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(323)
<223> similar to gi3170196 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3075
aaataccagc ttcgaaggac aggtggaaca aagttcctca aaaacttggc cactggccac      60
cccgctcttct tttgtaacga ttgtgcgtcc caaatcagga ctccctccac gtacatcagt    120
cacctagagt cacacttagg cttccggcta cgggacttat ccaaactgtc caccgaacag     180
attaacagtc agatagcaca aaccaagtca ccgtcagaaa aaatgggtgac gtcctccccc    240
gaggaagacc tggggacttc ctatcagtcg aaactttgca atcggacctt tgccagcaag     300
cacgctgtta aacttcacct tagcaaaaca cacgggaaat ctccggaaga ccaccttctg     360
tatgtctctg agttagagaa gcagtagcat ttgcttttga tagaaaggac tgcagtttgc     420
tttgagggaa actgtggaag gcaccttcag gccccctctg acttgttgtt cttggcacat     480
gttcttattt taactgcaga gaatcactct gggctggact gttttgtata actgtacagt     540
gtttaataga ggtgcataat cagctgttgt tactggtaaa atatgaaggt taaaatgcag     600
tggttaagtgt ttggaacttt gtgtaaacgg gatttagttg tgagcatcct cccgatgctt     660
caagctgcat gcattaacag acagtttaat taagcattta taacggaatc aggcacacct     720
tttccacgag actcgagtgt gctggcattt ctcacccttt catcttttag cctctgagta     780
ctttgaagca cttttgcatt aatttggtta aaaaataaaa taaaataata ataatgtatg     840
aagctctgtt ttttaaa                                     857

```

```

<210> 3076
<211> 1364
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1342)...(712)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3076
ggaaaaacaa acgccctttg agaagacggg gactcgccag gatacccctc tctcccctca      60
tccagcctcc agcccaccca attcctcccc acctcctcca cctccccagg cccacactac    120
ctcctccaac tctctcgggg aaacccaagc cctgccgctc atggaacaga agaactggaa     180
ccgtcgtttc tggaacagga ctatctgaga ccggttcttc ctggccctcg agttcatgga     240
acggtataat tggaaccgac gcttacggag caagggatat cgagagcggt tcttctggc     300
cctcgggttc gtggaacggt ataactggaa ccgacgctta cggagcaagg gtatgcgaga     360

```



```

<220>
<221> misc_feature
<222> (1)...(644)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (7)...(532)
<223> similar to gi804808 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3078
cgagattatt atgtaatggt aaaaggatca attccacaga aaaatataaa aattataaat      60
atatacgcac cccacatgag actacattaa tatgtaaagc aaataatgac agttctgacg     120
acagaaattg acagcactag taggagactt caataccccc cttacaataa tagaatatcc     180
aggcagaaaa tgaataaaga aacagctgat ttgaacaagc acacacggaa cattctgtag     240
gatagatcat atgttagttc acaaaacgag tttaaacaaa cctaagaaga tagaaatcat     300
tccacgtatt ttttctaacc acagtggaat aaaactagaa atcagtaaca gcaagaaaac     360
cataaaatth gtggaaaatth aaacacagtc ttgaataatc attgagtcaa gaaggaaatc     420
aaaagggaat cttaacagta tcttcagaca aaaaggaaaa catagcatac tacaacctat     480
gggatgaagc aaaggcagta ctaagagaga agtttctaga gataaacaat actacattnn     540
nnnnnnnnnn nnnnggattt catttttcct tcggggaacc agtaaaaaaa caccacccta     600
agcctagtgt ttgcttattg aaaaaaatat taggaattag ggg                        643

```

```

<210> 3079
<211> 995
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (298)...(811)
<223> similar to gi530878 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3079
cccacgcgta cgggtgcgggg caccgccattt gacagctgct cctacctgtg ctcacacaca      60
ggcaacaggt ccaagttcag catggcggtat gaagacgcac ggcagaacct ctaccagtg      120
aaggccatgg aggtggtcaa cagcggctct gaggtctggt acagcaatgg gccgggcctc     180
cttgatcatg actgtgcctc cctggagatc tgcaggcggc tggagcccta catggccccc     240
tccatggtta cgtcagtcgt gtgcagctct gagggcagag gggaggagggt cgtctggtgc     300
ctggatgaca aggccaaactc cttggtgatg taccactcca ccacctacca gctgtgtgcc     360
cggtaacttct gcgggggtccc cagccccctc agggacatgt ttcccggtgc gcccttggac     420
acggaacccc cggcagccag ccacacggcc aacccaaagg tgccctgagg ggactccatc     480
gcggacgtga gcatcatgta cagtggaggag ctgggcacgc agatcctgat ccaccaggaa     540
tactcactg actactgctc catgtcctcc tactcctcat cccacccccg ccaggctgcc     600
aggccccct caagcctccc cagctcccca gcaaggctct ccagtgtgcc tttctccact     660

```

gactgcgagg	actcagacat	gctacatacg	cccgggtgctg	cctccgacag	gtctgagcat	720
gacctgaccc	ccatggacgg	ggagaccttc	agccagcacc	tgcaggccgg	gaagatcctc	780
gccgtcagag	acctcatttg	ggccccagg	cgcgggtggag	atgttatcgt	cattggcctg	840
gagaaggatt	ctggcgccca	gcggggcccga	gtcattgccg	ccttaaaagc	ccgagagctg	900
actccgcatg	gggtgctggt	ggatgctgcc	cgggaggcaa	aggacacttg	tgtgtgcaac	960
ctttgaaaaa	gaaaacacag	aggggtgcct	tgccg			995

<210> 3080

<211> 2717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2284)...(999)

<223> similar to gi5420387 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3080

atagaaaact	gatactacgg	acataagaat	tttaaaaatt	tcttttgcca	aagctggcta	60
agggaaatatt	tttattcttc	tgagggcagt	taaggcttct	gataagaaaa	gagagtctga	120
acagagcaca	cacatctgga	gtcccaggag	tgggggatgc	agcatcagat	tccatcttga	180
atttctgcta	aaatactttg	tactcataat	ggatctcaac	aaagatctgt	atttcactctg	240
tggctccatc	ttccctctgg	gtcaagtaga	tgtaagctg	gaccttgga	cgctcttaa	300
catgaagaga	tctagctaga	cagacagact	ccccattta	tggaacaaga	attcaattta	360
ttctctatth	ataaaacatt	tttttaaagt	gccttgggta	taaaaatcta	aatgtctgcg	420
gtgtgatcag	tcaggagcac	gtaactatca	ctcttcgcat	cctttgggtca	ctgggagatc	480
ctttgggggc	tgggaggtcc	ttctgtccca	ggctaaagga	aaagcttcac	aagggttaaga	540
gccacagaac	cctcggcaag	aaaggccggt	cagggagaat	gaatggtaca	gagaggaaag	600
gaaggaaagg	gggtggaaca	gaggtagaag	gcaagggaag	gatgccgcac	tggagaccga	660
tggggacact	ctaattgtgc	aagagggagg	atcttccttc	ttgaatgctg	aacacagcta	720
gtctgaacct	tccttgaaa	gtccagctgt	ttgcccatgc	atagggccaa	ctctccctgc	780
aaagcagcaa	atgtggcttc	tatcaggaag	gaaaagtatc	catcagtgtg	acaagaggtc	840
accttcgaac	ttgcatgaac	tccttgcgca	gccacaaaga	gtcctggtag	aagtgaggat	900
cgctagtct	tacggctgtc	cgtttataga	agtagcagta	caacactgct	gctagtctct	960
ggaatacaaa	cagcatttga	agtccatctg	tccatatgaa	gctgttggag	ttttccagc	1020
gtaagttcat	gaccagaca	tgaagggaga	tgctgagggc	aaagtacaca	gctgtcagga	1080
tgatgggtccc	tttgaactta	tggaaatagga	ggttgaccag	gccagcctgg	aagacgaagg	1140
tgttgaagaa	catgaggaaa	atgatgatga	tgttgaagag	gactgcaata	tcctggatga	1200
tgaagagcac	aagctggatg	acaggagtct	tttgagcag	ttctgagaag	gaattgacaa	1260
agaggtcata	ggacagcagc	aggaactgca	gagagagcac	caggctgtag	ttactggtct	1320
ggagcatctt	ccttctgttt	tctcggggccc	ccaagggcac	atcccacagt	tcccagaaaa	1380
ccgtccctgg	ctgtctccct	accactgagg	gagaggcttc	tagttccctt	gaatgagagc	1440
tgtttccctt	gctctaaggc	aagcacctcc	aaactccaac	gtcggttgtc	atgaggacat	1500
cgccccggct	tccggaagcc	ggctttaaat	tccggaagta	aatggaggag	gcgggccccg	1560
tctgcgcgct	gcggcctgct	agtcctccgc	tttctcttcc	cgctctatgg	ccagtctggc	1620
cgccatgttg	gagctttcgc	tggtcggggc	cgggcctgct	ccgggcccctc	ccagcgctgc	1680
cgctagctga	cttagggctc	ccgcccacac	tgcgcacggc	cttgctgagg	gccggctcgt	1740
agtgggagge	ttcgcgttca	cctgaacatt	tccgcctcct	ctggatgggg	gatgagaggc	1800
ggggctgatg	catcgagca	gtcctggacc	ctgacttcgg	acttgagaa	gaaacgccga	1860

ggaggaacgg	gagttagggg	gtagcagct	tggcgcgctg	ggagccggcc	acccctggtc	1920
tccggacttc	acttcccagg	aggcctcgcg	cgcgactgga	agtgctgcga	gcctataaga	1980
aggcgaggcg	gcacccgccg	ctctgctctg	gggcggcatt	gccagccggc	tgtaggcatt	2040
cagggcagtg	tcttctgcat	ctcctaggaa	cctcgggagc	ggcagctccg	gcgcctggta	2100
gcgagaggcg	ggttccggag	atcccggcct	cacttcgtcc	cactgtgggt	aggggtgagt	2160
cctgcaaatg	ttaagtgatt	tgctcaaggt	gccccattcg	caggaattgg	agcccaggcc	2220
agttctctga	gcctatcatt	agggctaaag	gagtgcgtga	tcagaatggg	gtctggacgg	2280
ttctacttgt	cctgcctgct	gctgggggtcc	ctgggctcta	tgtgcatcct	cttcactatc	2340
tactggatgc	agtactggcg	tggtggcttt	gcctggaatg	gcagcatcta	catgttcaac	2400
tggcaccag	tgcttatggg	tgctggcatg	gtggtattct	atggagggtg	gtcactgggtg	2460
taccgcctgc	cccagtcgtg	ggtagggccc	aaactgccct	ggaaactcct	ccatgcaggc	2520
tgcacctgat	gccttcgtcc	tcacattgcc	agatgttggc	agaagggtga	atattgaccg	2580
tcttgactgg	ctggagcctt	caaagccact	gggatgtcct	ccaggcacct	gggtcccatg	2640
accagctccc	cgtctccata	ggggtaggca	tttactgggt	ttatgaagct	cgagtttcat	2700
taaatatggt	aagaatc					2717

<210> 3081

<211> 2694

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(1187)

<223> similar to gi3513512 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3081

gctggacgcg	gagggcgctgg	gcgcacggcg	cggagccggc	cggagctcga	ggcggcgggc	60
ggcgggagag	cgaccggggc	ggcctcgtag	cggggccccg	gatccccgag	tggcgggcgg	120
agcctcgaaa	agagattctc	agcgctgatt	ttgagatgat	gggcttggga	aacggggcgtc	180
gcagcatgaa	gtcgccgccc	ctcgtgctgg	cgcctctggg	ggcctgcata	atcgtcttgg	240
gcttcaacta	ctggatttgc	agctcccggg	gcgtggacct	ccagacacgg	atcatggagc	300
tggaaggcag	ggtcgcgagg	gcggctgcag	agagaggcgc	cgtggagctg	aagaagaacg	360
agttccaggg	agagctggag	aagcagcggg	agcagcttga	caaaatccag	tccagccaca	420
acttccagct	ggagagcgtc	aacaagctgt	accaggacga	aaaggcggtt	ttggtgaata	480
acatcaccac	aggtgagagg	ctcatccgag	tgctgcaaga	ccagttaaag	accctgcaga	540
ggaattacgg	caggctgcag	caggatgtcc	tccagtttca	gaagaaccag	accaacctgg	600
agaggaagtt	ctcctacgac	ctgagccagt	gcatcaatca	gatgaaggag	gtgaagggaac	660
agtgtgagga	gcgaatagaa	gaggtcacca	aaaaggggaa	tgaagctgta	gcttccagag	720
acctgagtga	aaacaacgac	cagagacagc	agctccaagc	cctcagtgag	cctcagccca	780
ggctgcaggc	agcaggcctg	ccacacacag	aggtgccaca	aggggaaggga	aacgtgcttg	840
gtaacagcaa	gtcccagaca	ccagccccca	gttccgaagt	ggttttggat	tcaaagagac	900
aagttgagaa	agaggaaacc	aatgagatcc	aggtggtgaa	tgaggagcct	cagagggaca	960
ggctgccgca	ggagccaggc	cgggagcagg	tggtggaaga	cagacctgta	ggtggaagag	1020
gcttcggggg	agccggagaa	ctgggccaga	ccccacaggt	gcaggctgcc	ctgtcagtga	1080
gccaggaaaa	tccagagatg	gagggccctg	agcgagacca	gcttgtcatc	cccagcggac	1140
aggaggagga	gcaggaaagt	gccgggggaa	ggagaaaacca	gcagaaactg	agaggagaag	1200
atgactacaa	catggatgaa	aatgaagcag	aatctgagac	agacaagcaa	gcagccctgg	1260
cagggaatga	cagaaacata	gatgttttta	atggtgaaga	tcagaaaaga	gacaccataa	1320

atttacttga	tcagcgtgaa	aagcgggaatc	atacactctg	aattgaactg	gaatcacata	1380
tttcacaaca	gggccgaaga	gatgactata	aaatgttcat	gaggggactga	atactgaaaa	1440
ctgtgaaatg	tactaaataa	aatgtacatc	tgaagatgat	tattgtgaaa	ttttagtatg	1500
cacttttgtg	aggaaaaaat	ggaatgggtct	tttaaacagc	ttttgggggg	tactttggaa	1560
gtgtctaata	aggtgtcaca	atTTTTggta	gtaggatatt	cgtgagaagt	tcaacaccaa	1620
aactggaaca	tagttctcct	tcaagtgttg	gcgacagcgg	ggcttcctga	ttctggaata	1680
taactttgtg	taaattaaca	gccacctata	gaagagtcca	tctgctgtga	aggagagaca	1740
gagaactctg	ggttccgtcg	tcctgtccac	gtgctgtacc	aagtgtctgt	gccagcctgt	1800
tacctgttct	cactgaaaag	tctggctaata	gctcttgtgt	agtcacttct	gattctgaca	1860
atcaatcaat	caatggccta	gagcactgac	tgtaaacaca	aacgtcacga	gcaaagtagc	1920
aacagcttta	agtctaaata	caaagctgtt	ctgtgtgaga	atTTTTtaaa	aggctacttg	1980
tataataacc	cttgtcattt	ttaatgtaca	aaacgctatt	aagtggctta	gaatttgaac	2040
atTTgtggtc	tttattttact	ttgcttcgtg	tgTgggcaaa	gcaacatctt	ccctaaatat	2100
atattaccaa	gaaaagcaag	aagcagatta	ggtTTTTgac	aaaacaaaca	ggccaaaagg	2160
gggctgacct	ggagcagagc	atgggtgagag	gcaaggcatg	agaggggcaag	tttgtttgtg	2220
acagatctgt	gcctacttta	ttactggagt	aaaagaaaac	aaagttcatt	gatgtcgaag	2280
gatataata	gtgttagaaa	ttaggactgt	ttagaaaaac	aggaatacaa	tggttgtttt	2340
tatcatagt	tacacattta	gcttgTggta	aatgactcac	aaaactgatt	ttaaaatcaa	2400
gttaatgtga	atTTTgaaaa	ttactactta	atcctaattc	acaataacaa	tggcattaag	2460
gtttgacttg	agttggttct	tagtattatt	tatggtaaat	aggctcttac	cacttgcaaa	2520
taactggcca	catcattaat	gactgacttc	ccagtaaggc	tctctaagg	gtaagtagga	2580
ggatccacag	gatttgagat	gctaaggccc	cagagatcgt	ttgatccaac	cctcttattt	2640
tcagagggga	aaatggggcc	tagaagttac	agagcatcta	gctgggtgcgc	tggc	2694

<210> 3082

<211> 671

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(672)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (156)...(615)

<223> similar to gi546454 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3082

tttcgtcggc	catttttggtg	gctggggcat	ccttgacaaa	cttggcagca	actttggctg	60
cctgggcagc	ggaggatgtg	gcagcggcgt	atgctgcggc	ggcagcggcg	gcgatggcag	120
cgggtggttt	cagccgggtga	agggcagact	ggggagcctt	aggctgtgct	tccttggggg	180
ccccatcctt	gccaactcta	tccttggggg	ccccatcttt	gccacctcta	tccttggggg	240
catcatcctt	gtgagctcta	tccttggggg	ccacatcctt	gccacctcta	tccttggggg	300
catcatcctt	gtgagctcta	tccttggggg	ccacatcctt	gccacctcta	tccttggggg	360
ccccatcctt	gcgagttcta	tccttggggg	ccccatcctt	gcgggcccctc	tcccgaaggc	420
cccttaggct	ggggacatca	ttttcctccc	cctttacttg	gacagctgcg	agctggaggg	480
cttctccctg	gcgagactga	tatggctgga	gtggctcagg	ccacaatgag	ccaaactcag	540

tggtggtgg	tggggccctg	gaggggtggg	gctgagttgg	ccgcaggaca	cctaagtccc	600
agaattccac	cgcntggtct	aatgatctac	gaacctaatg	gtctacaatn	gggggggcgg	660
gggggggcgg	g					671

<210> 3083
 <211> 508
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (55)...(137)
 <223> similar to gi509397 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3083						
tttctgtgccg	ccatctgctg	gcggctgcgc	tcactgcacg	ccttcgtctc	cctagaccgg	60
taccgggagt	accagtggat	cggactcaac	gacaggacca	tcgaaggcga	cttcttgtgg	120
tcggatggcg	tcctctgtg	tcctgtgggc	cgccaccgga	gctgcccctg	gctcaagtgt	180
tcggccgccc	acggctgcgc	tatgaggtgg	acactgtgct	tcgctaccgg	tgccgggaag	240
gactggccca	gcgcaatctg	ccgctgatcc	gatgccaaag	gaacggtcgt	tgggaggccc	300
cccagatctc	ctgtgtgccc	agaagacctg	tgagtgccag	gaagaggcag	gtgggagtgg	360
gagacagtag	ccaacagtag	ccttggaactc	cacttaaagt	cctgcctgtc	actggccatg	420
tgaccttgga	gccatcactg	cccctctctg	aggcaaaggg	gaagaggtgg	gctggaggct	480
ctgggggttc	ttcagtgtg	atgtctga				508

<210> 3084
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (57)...(216)
 <223> similar to gi4063011 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3084						
ctgtgccgac	gccaggagac	cccaagctgc	atcgccgagt	ggaagcaact	agaactccag	60
ggctgtgaaa	gccacaggtg	ggggctgagc	gaggcgtggc	ctcaggagcg	gaggaccccc	120
ccactctccc	tcgagcgccg	cagtcacaccg	tagcgggtgg	agcccgccctt	ggtgcgcagt	180
tggaaaacct	eggagccccg	ctggatctcc	tggctgccac	ccgcaccccc	cgccagccta	240
cggctgcgcc	gcgggcccag	cttctctctg	cgctgtctcc	cgttaaattc	cctggggaga	300

cggaaaaaaa	ggcaaaggaa	gtcgggttctc	cagggggccag	aagtgttgag	cctaattagt	360
cttcagactt	ctcaatgagg	aatcgcttat	cagtttctta	tctgggagag	ttgaggatgg	420
agggacagaa	ggcaccagg	atttgacgg	ggggggattc	agggagagag	ggatgatgagg	480
gacgggggtg	gccttccagt	cttggcccag	tccccatctt	gcacacattg	ttggcttctt	540
cttagagccg	ttcgccccc	tggggagggg	agaccatag	tgacctctcc	tgacaccgcg	600
cgaccctgac	cagtgttgcc	gggttcttca	aaggccacgc	tctgactgct	ggctctgtgc	660
acctgcaccc	cccagcccca	ccgtagagat	gccttcttcg	gtgacggcgc	tgggtcaggc	720
caggctctct	ggccccggga	tggccccgag	cgcttctgct	tgctccctg	cgccctgca	780
gaggaggctg	cccatcctgg	cgtggctgcc	cagctactcc			820

<210> 3085

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (676)...(114)

<223> similar to gi451544 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3085

cccagctggc	aggcggctgt	gtccctgtag	aagggatgct	ccatccagcc	tgctactccg	60
gagctcgcg	ccacagcgag	ggccctcgca	gctctatctg	gggactctgg	taccagttag	120
cacttcttgt	tcttgtcatg	gggccagcca	ggccctctct	gaggtggcac	ctaccgcctc	180
ccaggcctgg	tgggagggtg	ggccctgccg	tcacaggcag	acctggctag	gatacttcca	240
gcctgggatt	cgctctgaa	gaggcagcag	ctgctagtgg	aggtttctta	gacaaggacg	300
caggatgggg	caggagaggg	gaggggcatg	ggtctgggac	aaatgatggc	agtgccagca	360
ctgcatctcc	cattgtgcag	ggagtagccc	gccttgggaag	tagggttggg	ggtgaagcgt	420
gttgaagat	gtgggagagg	tgtgattcca	gtaatgagtc	ttataacttg	ggagcagcca	480
cgcgtcaccc	aggcagaagg	acctgggtgg	agagctgccc	gggggagtga	ggacagggtgc	540
agactgggtg	gaaggtgggt	ggggagaaca	accccagctg	gacagggggg	ttcccctaga	600
gccacagtcc	cacctgcccc	atgaagacct	gggagcaact	aaatctgggc	tctgcggggc	660
aggggtgggg	ctggggcccc	tatgcctcct	gtcactagac	ctgcctgtcc	tgcc	714

<210> 3086

<211> 354

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(334)

<223> similar to gi4581166 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3086
caggaggagg aaaaggaaac aaccaggcca gtcattggtgt ctctgccta cgaggaggag 60
gaggaagcgg aggaggggaa aaaaaaggag gaggaaaaag aaacggagca caaggagttg 120
gaggaggagg aggtggagga ggaggaggga aaagaaatgg agcaggagga ggagggaaaa 180
gaaatggaag aggaggagca ggaggaaaat gaaatggagg aggaggagga ggaaaaagaa 240
atggaggagg aaaaataaac aggaggagga ataagaaacg gagggaggaag aggaggagga 300
ggacaaagaa acagccaggg ccgacgtgga ggctcacccc tgaagtccag ctgg 354

```

```

<210> 3087
<211> 644
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (3)...(438)
<223> similar to gi56522 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3087
atcaatggaa caaaatagac aatctagaaa tagagccaca caaacatgaa caacttgttt 60
ttgacaaagg tgcaaaggca attcattaga gaaaggatag tcctttcaac aaataatagt 120
ggaataattg gactgtatgc taaaaaatatg aatccagagc taaagcttat acctttaaca 180
aaaattaact caaaatgatt aatacatcta aatacaaaat gaaaagctgt aaaactttaa 240
aaaacaaaaa tacattcatg atctggattt aggcaacaag ttcttaagac accaaagcat 300
agtacatttt taagaattgg taaattggat tttatcaaaa ttaaaaactt ttgctctaaa 360
aatacacaaat taagagaata aaaaagacaa gcaacagtct aggagaaaat atttccaaat 420
cacatatcag acaaataacn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnagtgcctt tcggacgcgt 600
gagtcgactt ggcaaaaccg gaccgggtcg ttccgaagga agta 644

```

```

<210> 3088
<211> 2306
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (87)...(2181)
 <223> similar to gi5689513 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3088
gcggtggaat tctgagggtc ttcacttcgg tgaactgaac ccttgaagcg gctgtgggca 60
gggcagcagg gctatggcca cccccagggt tcgcctttgc cgacgcaaga gcccactgc 120
cctcctgggt gcgtccccac gtcagggtgt atgacaactt tggccatgtc atccgagacg 180
tggcccagtt cttccgtgtt gccgagcgaa ctttctgcag atgccagcgc cggccccccg 240
ggctacagca ccagtggtgc gtggagaaga tgctgtcagc gaggccaagt cgcctggccc 300
cttcttctcc accaggaaaag ctaagagtct ggacctgcac gtccccagcc tgaagcagag 360
gtcctcaggg tcaccagctg ccggggaccc cgagagtagc ctgtgtgtgg agtatgagca 420
ggagccagtt cctgcccggc agaggcccag ggggctgctg gccgccctgg agcacagcga 480
acagcgggcg gggagccccg gcgaggagca ggcccacagc tgctccaccc tgtccctcct 540
gtctgagaag aggcggcgag aagaaccgcg aggggggagg aagaagatcc ggctgggtcag 600
ccaccgggag gagcccggtg ctggtgcaca gacggacagg gccaagctct tcatggtggc 660
cgtgaagcag gagttagacc aagccaactt tgccaccttc acccaggccc tgcaggacta 720
caagggttcc gatgacttcg ccgccctggc cgctgtctc ggccccctct ttgctgagga 780
c'cccaagaag cacaacctgc tccaaggctt ctaccagttt gtgcggcccc accataagca 840
gcagtttgag gaggtctgta tccagctgac aggacgaggc tgtggctatc ggcctgagca 900
cagcattccc cgaaggcagc gggcacagcc ggtcctggac cccactggga actttccaga 960
tgctctcgac cagctttgtg gctctacatc tcttcatcag gaagaacggc gccggatccc 1020
aagctgaccg tgtccacggc tgcagcccag cagctggacc cccaagagca cctgaaccag 1080
ggcaggcccc acctgtcgcc caggecacc ccaacaggag accctggcag ccaccacag 1140
tgggggctct gagtgcccag agcagggaag cagggccagc acgccgtgag cgcctacctg 1200
gctgatgccc gcagggccct ggggtccgcg ggctgtagcc aactcttggc agcgtgaca 1260
gcctataagc aagacgacga cctcgacaag gtgctggctg tgttgccgc cctgaccact 1320
gcaaagccag aggacttccc cctgctgcac aggttcagca tgtttgtgcg tccacaccac 1380
aagcagcgct tctcacagac gtgcacagac ctgaccggcc ggccctaccc gggcatggag 1440
ccaccgggac cccaggagga gaggettgc gtgcctctg tgettaccca cagggctccc 1500
caaccaggcc cctcacggtc cgagaagacc gggaagacc agagcaagat ctcgctctc 1560
cttagacaga ggccagcagg gactgtgggg gcgggagggt aggatgcagg tcccagccag 1620
tcctcaggac ctccccacgg gcctgcagca tctgagtggg gtgagcctca tgggagagac 1680
atcgctgggc agcaggccac gggagctccg ggccggcccc tctcagcagg ctgtgtgtgc 1740
cagggtctgt gggcagagga cgtggtgcc ttccagtgc ctgcctgtga cttccagcgc 1800
tgccaagcct gctggcaacg gcaccttcag gcctctagga tgtgccagc ctgccacacc 1860
gcctccagga agcagagcgt catgcaggtc ttctggccag agccccagt agtgcccacg 1920
gaggccccca gcacacccaa cgtggcttga tcacctgcct gtccagctct ggtgggccc 1980
gaaccacccc aacagaatag gccagcccat gccagccggc ttggcccgt gcaggcctca 2040
ggcaggcggg gcccatggtt ggtccctgcg gtgggaccgg atctgggccc gcctctgaga 2100
agccctgagc taccttgggg tctgggggtg gtttctggga aagtgttcc ccagaacttc 2160
cctggctcct ggctgtgag tgggtccaca ggggcacccc agctgagccc ctcaccggga 2220
aggaggagac ccccggtggc acgtgtccac ttttaatcag gggacagggc tctctaataa 2280
agctgctggc agtgccaaaa aaaaaa 2306

```

<210> 3089
 <211> 1393
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1393)...(1099)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3089

aaattagaag	cagtagatct	catggagcca	cgtttaatat	gtgtagccac	agtaactcga	60
attattcatc	gtctcttgag	gatacathtt	gatggatggg	aagaagagta	tgatcagtgg	120
gtagactgtg	agtcacctga	cctctatcct	gtaggggtgg	gtcaggtaac	tgatatacaa	180
ctacagcctc	cagcatcaca	gtgtaagttg	gtatacagaa	aaggtgtcct	tttgtaaaaa	240
tcagcaattc	tccagaggac	tatctcacat	aagtcacctt	atgagctcac	aggacaagaa	300
tatacctatg	tctgattggg	tgccaggtaa	gacattaaga	ctcaacaaca	atatcacaga	360
atcagaccat	gtgtcccatg	gcaatgtgaa	tccaatagtc	aattacataa	tgactataga	420
aacacaacag	tcaccaaatt	aaactagact	tactatttta	gtgagttaa	aattacatac	480
taaaagttta	ttggtaggta	ataaatgctt	ttgagttaa	agtggaaaat	gtctcatgtt	540
gaggctatgg	ttttgtagga	acaagtaccc	ttattttcag	agcatcatgt	acttaagtat	600
aatggtcttg	gtaaagatag	ttcatataag	ttgtatctag	acaactgtat	cgtctaaatt	660
gtaaacaatt	atctagtacc	aattttccct	ttttattttt	cagcatcaag	agaaaaccaa	720
tcagcttcat	caaaacagaa	gaaaaaggct	aagtcccagc	aatacaaaag	acataagaaa	780
agtgggtcac	cacgtgggtg	tcacatacat	tttctaattg	ttaactaatt	ggagtcacag	840
tattcttgga	cagaaaatga	tatatcttgt	gagaactgat	gattgtgcat	tatgtattat	900
gcttaaaggt	gcagtatgcc	ataaaaaggc	aacccttgca	ataatgagaa	acactgatat	960
tttactaaca	ggagaaatta	ttaccacagt	atttaaagta	tacgtggtaa	agaatagagt	1020
ctgtgaatga	ttcttgaaat	aatatgtaaa	acctactgaa	agttaatcct	ttttaaaaac	1080
tttatttaaa	aagaaaaatt	agcagccagg	tgcatgtggc	cacgcctgta	atcccagcac	1140
tttaggaggc	cgaggctggc	agatcacaa	gtcaggagat	cgagaccatc	ctggctaaca	1200
cgggtgaaac	ctgtctccac	caaaaataca	aaaaatctgc	cgggcgtggg	ggcacacgcc	1260
tgaagtccca	gctactcagg	aggctgaggc	aagagaatca	cttgaaccca	ggaggcagag	1320
gttgacgtga	gccaagatca	cgccactaca	ttccagctgg	gcaacacagc	aagactctgt	1380
ctcaaaaaaa	aaa					1393

<210> 3090

<211> 904

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (235)...(752)

<223> similar to gi2980817 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3090

tgctctgaca	aggctgtaaa	gttgaagtgt	aacacaaagg	ttaggtgccc	aactcctgat	60
tttgaggacc	ttcctgagag	ataccagaac	cacctctcag	aacacaagtc	tccaaaactc	120

ttaacagtgt	gtaaaccatt	tggtcttcat	gcatctccac	atgcatctat	taaaagagaa	180
aaaattttgg	cagacatcga	agcagatgaa	gaaaatttaa	aagaaacacg	ttggccttat	240
ttgtctccaa	ggcgtaagtc	accagtaaga	tgtgcaggtg	taaaccctgt	gccttgtaac	300
tgcaaccctc	ccgtgccac	ggtatcttcc	agaggacgag	aacaagccgt	aagaaagagc	360
gaaaaggaaa	ggatgagaga	ataccaacga	gaactagaag	aaagagaaga	aaaattaaaa	420
aagaggccac	tgctatttga	aagagttgct	cagaaaaatg	caagaatggc	agcagaaaag	480
cattattcta	ataccctaaa	agcactagga	atatctgatg	agtttgtttc	aaagaaaggg	540
caaagtggaa	aagtacttga	gtacttcaac	aatcaagaga	cgaaaagtgt	cactgaagac	600
aaagaaagct	ttaatgaaga	agaaaaata	gaagaaagag	agaatgggga	agaaaattat	660
tttattgata	ccaacagcca	ggattcttac	aaggaaaaag	atgaagccaa	tgaggaaagt	720
gaagaagaga	aatctgttga	agaatcacac	tgaatcatca	aggtctcctc	tctatgccct	780
tgctgttggt	tgcagcgta	gggtgtcagc	agccgcattt	gtgttttaga	catctgtggg	840
gacgcttctg	atatgtgcag	ggctgttgat	caaagtcata	tgtagcctga	aaagccttga	900
tcca						904

<210> 3091

<211> 6305

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(2809)

<223> similar to gi2224617 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3091

catcagcggg	cgggggtgtc	gccgaacagg	ctgctccgca	gagccccg	cgacccccg	60
ccgccccgcc	ccgcgccctg	cctgccagag	gagccgaggg	ggccgcccct	cgcccaacct	120
gcccagacatg	gggaaccccc	ggcccaggcg	tgctgggtcac	catgacaaca	gagacaggcc	180
ccgactctga	ggtgaagaaa	gctcaggagg	aggccccgca	gcaacccgag	gctgctgccg	240
ctgtgaccac	ccctgtgacc	cctgcaggcc	acggccaccc	agaggccaac	tccaatgaga	300
agcatccatc	ccagcaggac	acgcggcctg	ctgaacagag	cctagacatg	gaggagaagg	360
actacagtga	ggccgatggc	ctttcggaga	ggaccacgcc	cagcaaggcc	cagaaatcgc	420
cccagaagat	tgccaagaaa	tacaagagtg	ccatctgccg	ggtcactctg	cttgatgcct	480
cggagtatga	gtgtgagggtg	gagaaacatg	gccggggcca	ggtgctgttt	gacctgggtct	540
gtgaacacct	caacctccta	gagaaggact	acttcggcct	gaccttctgt	gatgctgaca	600
gccagaagaa	ctggctggac	ccctccaagg	agatcaagaa	gcagatccgg	agtagcccct	660
ggaattttgc	cttcacagtc	aagttctacc	cgcctgatcc	tgcccagctg	acagaagaca	720
tcacaagata	ctacctgtgc	ctgcagctgc	gggcagacat	catcacgggc	cggctgccat	780
gtccttttgt	cacgcattgc	ctactgggct	cctacgctgt	gcaggctgag	ctgggtgact	840
atgatgctga	ggagcatgtg	ggcaactatg	tcagcgagct	ccgcttcgcc	cctaaccaga	900
cccgggagct	ggaggagagg	atcatggagc	tgcataagac	atataggggg	atgaccccgg	960
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cgaattttctc	agttccattt	tacctcccag	tcctccttct	aaaccagtta	ataaattcat	4860
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aagcacattc	caagactggc	ctgaaactgc	atgagcaaca	tactcgaata	taattttttt	6120
tttcaaaagc	accttaacaa	ccaattgcga	tgtgtcctg	ttccttttta	ctcacaccct	6180
tctctccttt	ctcgtcccca	tgtcccccca	cctcagtgt	ccgtgtgtga	tgcgtgtgct	6240
ctctgttctt	gtataactcaa	tataagtga	ataaatgtgt	ttgatgtgta	accataaaaa	6300
aaaaa						6305

<210> 3092

<211> 1595

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1596)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (928)...(1545)

<223> similar to gi5917666 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3092

tttttttttt	ttcttttaaa	ccatttactt	acaaacttta	attcagcaaa	gggtccgtgtg	60
gggagactgg	ggtggggctg	ggggaatagt	ccccttggag	tggatgtgga	ccccagagt	120
caaggagggg	aagctgggtg	cccagttggc	tgggggcaag	gccagggtc	acctcaggtc	180
gacaggtcct	gctgggtggc	gggcccagag	tttatcttca	tggagtgtctg	gtttctggca	240
ctgggctgga	aggaggccag	ctccagggat	ctggccgggg	gtgggcaggc	agaattcaag	300
aattcatctt	caacaagcga	gtgacagcag	aggctccggg	agatgggcac	aatgtccgac	360

tcccacagac	agacagcagg	ggactggcag	agaaaagccca	tctctgcacg	gaggccccggg	420
taggaggggg	tggtggggcc	ggttcgccaa	gatgaaggct	ttcccccttct	actgtcccca	480
gggtggagat	cctgggtagg	gtggcccaat	ccctaggcca	gagctgtttg	gtccatagtc	540
aagctcccag	agcttggcat	ctgtggctct	ggccagcagg	gcctggggcc	cagcttttaa	600
ggcatcagaa	ggggaggggg	ctgcggcagg	gaccccgggc	cccacggctg	gggtataggc	660
cagatgggca	ggcaggggca	ggagacagcc	atgcctgcag	caaagtggg	aaaaacagct	720
gtttcaaacc	gcaaggtgtg	gaatggtggc	ccggacaggc	cgggccttga	aggaatcaga	780
gctgggggct	gtccgggggtg	gtttgaaaaa	taaaacttag	aaaaggaaac	agaagtcagt	840
tgtcaaagtt	aaaaaaaaaa	ggagacagtc	tctgtatctt	cacgggaggt	cagggaaaacc	900
tccaaggcac	tcgaaaggcc	aaaattacag	gagcaatgag	gcaggagggc	tccggagaga	960
cgggcacagc	ggaggaggag	atggggggag	ggagggagag	caggccgggg	cccctctctc	1020
ttaaggctgc	agggtttcag	cgtggggagc	aagccagaga	cataatgagg	cctccagact	1080
ccccacacc	ccttgggctc	ctggggctcc	ggctgattgg	tcagtaaagt	ctttcagaga	1140
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aacccaaaag	cgatttgggtg	caggcccttg	agttatctct	ggtgccagcc	acttagaaaa	1260
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ccacatagct	gccttctggg	ctgggctcgg	gcgagggcag	caggtgggca	aagctgcgtt	1380
tctgcccgc	cagtggggtc	ttcagcaggt	ggctgtgacc	attaggcccg	ggggtgaggc	1440
ccaggagccc	ttcccgggac	cccagcgggg	aagagccgat	tgcttactg	aggtggctct	1500
gcttgaggcc	agcctgcagg	ccgctggtaa	gtattcctgn	nnnncgtnt	tcgagactgc	1560
agtnccggcc	ccctgggtta	ttcctnnccg	gcccc			1595

<210> 3093

<211> 1123

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1122)...(599)

<223> similar to gill177607 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3093

ttttgagacc	atttgtcgat	ccctagtcca	tgtggtggaa	ttcgttttga	ctgagcagaa	60
tggtgccatt	gcagatcaac	acgcacttta	aataatcaaa	acccttatct	ttccccctggg	120
aaggaggaag	ccgaggaagg	ctgtgtttct	gactcacacg	ggggagtcgg	gggagtcgta	180
aacaaccctg	aagagaacag	ccaggccctg	tgagtcactc	ctgggagtg	ctcctcccca	240
ccctgccacg	cagcggcaac	tgcgggctgg	gcctaccccc	tggtggccac	gctccctccg	300
cacccggcct	ctctctgtgg	catggggggc	gccatgcccc	ttggtggaga	tgaatgggag	360
tggagctggg	ctggctgggc	aggcaggggc	ttgcctcttg	ctgactaagg	cagccctgga	420
ggggcccgac	catggggcag	gaacccagtt	gccatcctca	gagcgaggat	cattggccgg	480
gctcggggat	cagggcctct	gtggtcccg	cacgcctggc	ccgtgagact	gtactctgca	540
cgactcctcc	aggtggccag	ggtcacccga	actggctcgc	tctcctctgc	cagttgccgg	600
aggtctgggc	accaggccaa	ttctcacctt	cccgccagg	ttaaacatta	gtgggaggtt	660
atcagcgtgg	gccaggggag	ggagaggggg	gaattcaact	ctgtctcctc	tgctggagcc	720
accagttccc	gcaagcccag	acaatgccgg	tggaggaatt	tgtggtggc	tggatctctg	780
gtgagacatt	tttcttccct	ctgtcacatc	acacccaatg	gtaggtcact	tcctcgggaa	840
gatgggtgac	atgggaggag	cagagaccaa	agtctgagtt	ccggcctggc	gggaggatca	900
cttgagccca	ggagtttgag	accagtctgg	gcaacatagg	gaggccctg	tctctacaaa	960

```

aaaatcaaaa taattagctg ggcattggtg ctcacacctg tagtcccagc tacttaggag 1020
gattgcttga gctcaggagt tcaaggctgc agtgagctat gactgcacca ctgcactcca 1080
gcctgggtga caaatgagc ccctgcccc aaaaaaaaaa aaa 1123

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<210> 3094
<211> 1369
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1371)...(351)
<223> similar to gi4206386 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 3094
tttttttttt ttctgatcag actctttttta ttgttttgtt ttttataaac aagtctcagg 60
tggaaaaaga aagaaaggga ggagctagct ctctgccttc tcagccaatt gaaatcgtgg 120
aaaccaatgg gcttcagcta gccccactca tctctgctgg gggggaaaag acatccctac 180
tccccctccc cgtggcactc atgatattct caatgcccc acaagggtca tcttggttcc 240
tctcggcgtt tctgtcctgg cctttggctc tggctccggc tctgactccg actccggctc 300
cggccagggc cccgggagcc cctagagctg ctggagcccc tgggaagagt gctgcccggc 360
gtggaacatg tgctggtgcc ctggccccgg gacaggaagc ttggtctgct gtatgggagc 420
caggcctctt catctgggtg gacacccgc tgggctgcca ggggcacggc ctggaccgct 480
ttcctctccc cactgcgctc ccgtccagg gaggacatgc tgctgctgc cctcagctct 540
agggccccagc tcgctctctc ctctggcggg ggcaagggtg gtgggggcaa gtccccagga 600
ctgttctccc tctgtaggg aagagccttg ggtttcttcc ggaatcgagc acggggtcct 660
tgaagtgggg gagtcactc cccattcccc tgccagggtc tgctggggc actgctggct 720
gtgctagggg caggactggg gctgaggtgg ggtgaggctg cagggccagc acccaagcca 780
gcaggcctcg cttcacggat gccagcatg ggctgggata cactgagagg ggaactcggc 840
ccaaggggca cctcctggg catctgatgg agatggggca tgtcagttgg gggctgggga 900
gggtcaggag gtgagggtgt aagagtggct gtggactgct gtccatagga aggtgtggga 960
gagggggttt ccttcggga tggggtgacc aggcacctc cactggagct gggctccgtc 1020
aggtgacttc tctcaggcat tggcgggcac cactcctctg gctttgagct gccctccagc 1080
tctcctcccg gcccttctag gcagctcagt tcacaagaag gaggaggtgg gggcagggct 1140
tctggccagt tcagagaggg catctgcaca ggtttcccca gaagcttcac tttgcctccc 1200
ttggctccac tgccccctg gctccactct ggaggagcgt tctggctcca gggaccagga 1260
tctcctgagg gatgttgggg gaagccccc tgggaaggct gcagctctct accccgctgg 1320
gtcaatggtg ctatagacag gaccctcccc agggggggggc gggccccctg 1369

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<210> 3095
<211> 860
<212> DNA
<213> Homo sapiens

```

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<220>

```

<221> misc_feature
 <222> (719)...(848)
 <223> similar to gi4115936 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3095
 caagatcccg acaggcttaa tcgctccctt aaggaaaaag ttattccttg catccgcggt 60
 aaacttgggc cccccaagg atccttttaa cgggcccggc cttttttttt ttttcaattt 120
 cttcaacagg tcatgttcaa tttcttcaaa gttttaacat aaaaataatg agagccagga 180
 gtggggccgg ggcctggggg gacgaagggt gtatgtgaaa caagggtggc acacaggcct 240
 caccctcctc tgcctcagat tcccaagtgg gcagggtggg gtgaatggg ctccgggtag 300
 cacctcagct cctctcagct cccctcagcc tgttctcctt ccagaccag agagctgaga 360
 agagtagctg tgaggctcag ggcagaggct ctctgccttt caggaacagc ccttaaccct 420
 gctccccttg cttgggcctc aggaagggtg cgcgagctct cctgccgtcc ctgggcccgc 480
 ctggctctgc tgtgtccaga tggtcaggct actgccagct ggggccttgc tgctctgaag 540
 tcccaggaag ccagggtct gcaggagcct cttgcctcca ggctggttgg ggaagacgtc 600
 ctccaggaag tagtagatat ggcccaccgc aatccccagc aggtccacga ggatggagtt 660
 gccagcagc agcgagaagc ccatgagcgc ccaaggcagg aacgggtgcct ggaacttccg 720
 gaacacaagg tgcgggttga agtagagttg aaaggggctg aggagctcca gctgcaccgc 780
 ggcggtggtg aggcacacag ctgcggtgta agcccgctc accgccggca cctgcaggaa 840
 ctcggcgcct agtcctgcct 860

<210> 3096
 <211> 871
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(769)
 <223> similar to gi643658 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3096
 ggatgggtcgg ctgggtgggc ctggacggct ggatgggcct gggctgggtg ggcctgggca 60
 gctgggtggg cctgggcagc tgggtgggccc tgagctaggg cagcagggcc tggctcacgc 120
 cgctgcctca gatccgcag gcggagctgc caggggccac cctgcagggt cagcttttca 180
 acttcaagcg cttctcgggg catgagcccc tgggtgagct ccgtctggca ctgggcaccg 240
 tggatctgca gcatgttctg gagcaactgt acctgctggg cccgccggct gccactcagc 300
 ccgagcaggt cggggagctg tgcttctctc tccggtacgt gccagctca ggccggctga 360
 ccgtggtggt gctggaggct cgaggcctgc gtccaggact tgcagagccc tacgtgaagg 420
 tccagctcat gctgaaccag aggaagtgga agaagagaaa gacagccacc aaaaagggca 480
 tggcggcccc ctacttcaat gaggccttca ccttctggt gcccttcagc cagggtccaga 540
 atgtggacct ggtgctggct gtctgggacc gcagcctgcc gctccgaact gagcccgtag 600
 gcaaggtgca cctgggtgcc cgggcctcgg ggcagccccct gcagcactgg gcagacatgc 660
 tggcccacgc ccggcgccc attgcccagc gccacccccct gcggccagcc agggaggtgg 720
 accgcatgct ggccctgcag ccccgccctc gcctgcgcct gcccttgccc cactcctgaa 780

```

tgcaccacat gcctctgtct ccccgctgag cccaggcact tgcccaggcc gccctgcagg      840
accactgcaa taaacgcatt ctctgccaa a                                     871

```

```

<210> 3097
<211> 885
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (802)...(867)
<223> similar to gil334643 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3097
agggagctgc ccctcacgcc agagcagctg gaggctgtgt ttgaaagtct ggaccaggct      60
cactactggct ttctcaccgc cagggagttc tgcctgggcc tggggatgtt tgtgggggtg    120
gcgtcagccc agggagcgaa cccctgcagg actcccagg agaccttga gtcgggcggg      180
ctcgacgtgc agggcacggc gggctctctg gatgaggagg aggaagagga ggagcgattc     240
cactactgtgc tggagcagct gggggtggcc ccggtcctgg gcgagcagcg ggctgtgagg    300
acgctctggg ccaggctgca gcgcgagcgc cccgagctgc tgggctcttt cgaggatgtt    360
ctgatacgcg cgtcggcctg cctggaggag gcggcccggg agcgcgacgg cctggagcag     420
gcgctgcgga ggcgcgagag cgagcacgag agggaggtgc gcgctctgta cgaggagacg    480
gagcagcttc gggagcagag ccggcgcccc ccgagtcaga acttcgcccg cggggagcgg     540
agaagccgtc tggagctgga gctgcagatc cgcgagcagg acctggaacg cgcgggcctg     600
cggcagcggg agttagagca gcagctgcac gccagggtcg cggagcacct ggaggcacag     660
gccagaact cccagctgtg gcgggcgcac gaggcgtgc gaacgcagct ggagggggcg      720
caggagcaga tccgcaggct ggagagcgaa gcacgaggcc gccaggagca aaccaacga      780
gacgtggtcg ccgtctccag gaacatgcag aaagagaaag tcagcctgct acggcaactg     840
gagctgctca gggagctgaa tacacggctg cgggatgaca gggac                      885

```

```

<210> 3098
<211> 3658
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(3659)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3659)...(391)
<223> similar to gi532056 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3098

tttttttttt	tttaagatag	aaatctatgc	actttaatga	ttgccagaat	tgcccagcat	60
agcttcagta	aaatagagaa	ttgtctagaa	aatacaatct	ccaaaatgtg	tgcaagtact	120
gcaaaccgga	cagaccgggg	cagggcaagg	cccttgaaac	caagtcctcc	ttgagcacct	180
ttcccaggtt	agaaaccctt	cttcagcctg	tgcttcgcac	gtttccttca	gcgtgccgcc	240
cattcagact	gcgccaactt	acgtccccag	tgccccacgc	tgngtggtatc	aagtgtccaa	300
cgggaaagta	tgagtttaggg	caagcgcttt	ttttttaagc	tgtaaacgct	tcacatgact	360
gggccccgta	aggaaattgt	ggggagctta	ggatgagcct	gggagctttt	tcagggactt	420
ggatgaggac	tctgtacaca	aatgtgtact	ggcagagagt	ctgcaccagc	atcattctct	480
gttgccctca	gcatgtccag	cactctcggg	atgtccagca	cctcattgtg	ttccaggcag	540
gcgatcatga	tctccgacaa	aatcaccacg	ccagtccttc	ctaccccagc	actgcagtg	600
accaacaacg	gaggggtggg	gctttgggga	tcacttgtgc	tatttgtatg	gcgtcgaaca	660
gactggatct	cttcaagata	tgataaaaaat	cccttgagg	cttctggaca	gccatgttca	720
ggccagctg	tgtattggag	gtgccagacg	gtcctctctt	gcccggtaag	gaggtgcttc	780
atcttcaggc	ctgtggtggc	atagcagcca	gagctctgtg	ggaaccgggt	cgtgatctta	840
aaccttccat	agggtgacgt	gttgtgcctg	gaaccaagtc	gtggccagta	cctaaagctc	900
ttctcccttc	cacctctctc	ttctgctgtc	accattgcta	taattgcaat	tcctgttcc	960
cataccatct	gcaaaaaatc	ttgacaggta	ttctgtaatg	gtccctgtgt	ggcaatataa	1020
tcccattcga	ttccactgac	agagacctta	atatgtgatg	cgttgatgta	accagtgttg	1080
ttttcttttag	ttgggaccaa	ctccactctc	acatcatcat	aaggaagaac	atcttggaat	1140
cgattttctt	ctgcattttc	agggagtcgt	gctgttgagc	actccccatc	aactagccgt	1200
ttcttaagaa	ttctttcata	ttctgtgaat	accattcctt	gttctaatacg	ttgttccaga	1260
attttacacc	tttcatcatt	cgttgctctg	gtagccactt	cctttccttc	atcaggcaga	1320
ggcactcgag	atagggagag	tccatttagg	gcagccagtt	taagaggacc	aatttttttt	1380
gcatctactc	gagtcctttt	cattccccct	agaggcgga	gcccttccac	gatgttcttc	1440
ttcccagaga	gaaggtcgga	caccggcctt	ttcttcagag	agtcctctcg	ggctcggtag	1500
cggcctgacg	tggtgaggtc	ggactccgac	atggagggca	tcagcagccc	gtctctccag	1560
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cagccagggtg	ggctcctggg	caggccgggc	cgaggtctgc	gcgcacgtgc	agggggcgcc	1740
cgggccccgc	tctctctctc	gaagtctctg	tcctctctct	cctcgctgct	gtggattagc	1800
atggtggcgt	ccgacaggga	cttcttatgg	ccgtacctca	agccctccgc	ctcctccggc	1860
ccttctcgct	gtgtctctct	gggtgaaaacg	ctggggctgg	gagccaccg	agacggctcg	1920
cggcgccac	ctctgccgcc	gacgcggata	gggtgcgtct	cttgagccgc	aggccctcca	1980
ggcgtggct	gagcccgcc	acctcgatgc	tggtccggtt	gtgcagctgc	gcgtggcgcg	2040
cggcggtgag	gggctcgctg	acctcctgca	gcgagtgcgc	cacgggcagg	ctgtcctcct	2100
ggaacggttg	caccgagtg	tgacgcgcgc	gcgtgatgag	gtcgggggtg	ctgctgctga	2160
tgtaaagggtg	gcgggacagg	tctggcgctg	tggtggcggg	cctggggggc	gggtagggtg	2220
gggggtggcg	gtacacctgc	gtccgcacga	tggtgggaga	cgggtagtcc	tgcgccctgca	2280
gctgcgcatt	ggtcagctcc	ggcacgctga	ccgcgcccac	cacgggcccgc	cgctcggcag	2340
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ccgctggcga	ggggagctgt	gcgtgctcgc	ggatctcggg	ctggctgtag	accagcgccg	2460
cgggcctgct	gtaggcgtag	gagctgccga	tggtgaggtt	tcgcagcgag	tggctctgcc	2520
gttccgcacg	caccaggccc	ctgttgagct	gcttcatcac	agtctcatag	tctgggggtg	2580
ggcggtagga	cgggggtatc	acggcgctgt	gccgatggga	cgggaggtag	tcaggccctca	2640
tgacgtcact	cccgggtgat	ctaggggttg	acgacatcgg	caggggctgc	aagtagggct	2700
gaggattatt	taaggagttg	gtgctgtgtg	cactgtagac	actggcattt	acggatccga	2760
ccgttgaaag	caatctgggc	tctattcaag	cttgtctgaa	attgaccata	gtatcccttc	2820
ctggttgggc	acaaagaggt	tatcttggga	agaagcatat	ggttctgtat	aatgtccatt	2880
atagtgaac	tggcggtggg	ggaggcatca	cgtagggtcg	gggtttaggc	agagacatcc	2940
ttgaagaaga	cctcctcctg	attgggttca	ctgtgacagt	ctgagtttgc	aggttacact	3000
ggtttagtct	gtaaaacttg	tgctcgcgcaa	cacagagtct	ccaaatgtat	tttgctgttt	3060
ccatgtcttc	agtttgaaat	tgaatggtct	cctctttatt	tgccagctct	aatgcaaaaa	3120

aggacttggt	gtgggacatg	ttggcaatgt	catgccacct	aaataccaca	ggatgccttc	3180
cattcttggt	tttcacaaag	ataccttcaa	gacacgctcc	aatggatatg	tcacttcctt	3240
ggctatcctt	agcagggtag	ctctcttctc	catagccatc	cattctctct	acctcctgca	3300
tgtacagcat	ttcagcatca	ggagctgtga	gccctctgta	tttctgatgt	agtaaggcca	3360
ctttttgggt	tgcttcttcc	aatacttttt	catcttgtaa	ccatcccaca	ggaaacaagg	3420
caaatttctg	aagaaagtcc	tgggattcat	actgatcaaa	gtcaccaaaa	atcgcttgaa	3480
cagctaagcc	tgctaggtga	attggctggt	ccaaggtaca	agggatacct	tcttcccaga	3540
tatccttctt	cagttgcaga	taatactggg	acccggtaat	cctctgctgg	aagcgaggaa	3600
cctgaggcgc	ttaaaccccc	attccaaaat	agacggtagg	ttccaaggcg	tttttttc	3658

<210> 3099

<211> 1820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1810)...(1438)

<223> similar to gi4883636 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3099

tttttttttt	ttaataaaata	gtttattcat	ccagcagttt	cagccctgat	actgaagcct	60
gttgcggtgt	ttcttatttt	tctggctgga	gcctgattat	gagaacatgg	cctcaccacg	120
gggccagcgc	tcagattcct	gccctgccga	tcattccagac	atcagaggaa	atgagagtat	180
tgctcaaatg	agggagactg	gagctttatt	aaggaacaaa	aaaataccag	taagactaga	240
gaggggtggt	taatgtttct	ggaggcagct	gtggaatttc	ctgtttgctc	ccccctctct	300
gcctgcccga	gatgaggaca	cacggggaag	actcgctgga	gaggcttctc	gcacttaata	360
aggccccccg	tcggggtgct	tctgggagcc	tgccctccag	gggagcaggc	ttgaggagct	420
ggcgggaggg	ccggtggggc	ggcggcgccg	aacgctgctc	ccttggtggc	ggcagtgggc	480
agcctgcagc	cactgcgcct	ctcccgcgcg	caagagccgc	ggccggggta	acagaaacgc	540
cggctgcgct	gaagtctctg	ttaaacagcc	ccgcgtcggg	gctgtggtca	cagtaaagca	600
aggcgatctt	cgcacacagc	aagtgcgagg	ctctgggccc	tgacgcaggg	ctcccaagct	660
cccggaatcg	gcgttctggc	tgacggcctg	gtctagagtc	gcagcttctg	tgagaagcaa	720
cactgaggcg	ggcccgcgcc	ccctggggct	gcccgcaccct	cctctctgct	ctcagcccca	780
gtccctactt	cgggatccct	ccaggaggct	gtgccggctg	ctcactcctc	ctgacctgag	840
ggaccgtgtg	tctgggcctg	gtgtttctag	acggtccccc	ctacagtcac	ttgttctaata	900
ttctagcacc	ttccctcttc	aggatagagg	cccagccagc	cagagcacag	gctttctccc	960
ttcaccctgg	agctctcagg	taacaacccc	ctgaaggcac	atggaccaag	ctgctcccca	1020
tcccgccacc	cgaaacacca	tccttgcccc	acctcccagg	tgacagactc	cctggcggtg	1080
ccatgcccc	gcccaccagc	cccacgcttg	tcagctgggc	ctgacagctg	ctgctcttgt	1140
tttctattca	tgaaaactca	acccttctcc	ccgtttctgc	cagcacaaca	gggcagagtc	1200
tgggctatca	ccctggcttc	tccccctccc	tttaaaggaa	gcccacattt	tcctgcgagc	1260
cgaactcctc	tgaagagtat	ggcagacctt	tgggaatcgt	tcaggacgag	actgaaagtc	1320
aaggcaagtg	tgaattcagc	accgcaggcc	tgggtgacct	cctgtgcctc	tggagtgggc	1380
tgctctggga	caggctgacc	aggaacaagt	ccccgcgccg	ggcttatcgc	tctgagtcag	1440
agaaggaaga	gggcttagtc	catctccaca	ccagcatgtc	ctctcctgca	acgcggtggg	1500
actccgtctg	gatccgggat	tcgttgaggg	ccaggaactc	cacagctcgg	tcccagacac	1560
gcttcatgcg	cctccggctc	tgtggaggga	tcaagctgtc	gcgcacgtgc	aggatgccta	1620
catatggata	gcgctccatg	tctgtctccc	agtccacgta	atggtcctgg	accacgtcta	1680

taatcttctt caccatctca tacatggctt gttcctctc ttctaacttt cgccaccgat	1740
attttaggag aattaggagc cccacaaaa aagccaagca ccagaagaag atgagctcgt	1800
gccgaattcc cgcaatgccg	1820

<210> 3100
 <211> 635
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (110)...(596)
 <223> similar to gi2980817 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3100	
tcagaaatta catctatatt aaagtttcaa aagctaataa tatattttta catcttcagg	60
tcaagttata gtaatttatt aaagaaaata aaattaattt cctttgctga tcaggagagc	120
tgatctgcag ttgtgcgctt tgtccagcaa gtacatgaga aagatgtatt gatggaccaa	180
atcattaata acaaaatcca caaggaagaa gaaagaagga gaagaagaa gaaaagacga	240
agaaggagag gaggaagaag aagacgaagg aagaagaaga aaaggagaag aagaacgaag	300
gagaaggaag gaggaggaga aggagaagaa gacgaaggaa ggagaaggaa gaagaaagta	360
agaagaagga gaagacggtg acgaaggaag aagaaggaga aggaagaagg agaagaacta	420
agaagaagaa aggaggagga gaagaaagaa ctaaggagaa gaagaagaag gaggaagaag	480
aaaaggaaag aggaagaaga aagaagaagg aggaagaact aagaagaaga aggagaagga	540
agaaggaaaga aagaaaaaga acgaaggagg aggagaggaa ggagaaggga gaagaaaaag	600
aaggagaaga agaataagga acaagaaaaa aaaaa	635

<210> 3101
 <211> 745.
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(473)
 <223> similar to gi487785 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3101	
tgggacaatg tggaaaagcc ttcatttctt ccagtaaatt tcgaatgcat gagagaactc	60
acacgggaga gaaaccctat cgatgtaaac aatgtgggaa agccttcaga ttttcaagtt	120
ctgttcgaat tcatgaaagg tctcacactg gagagaaacc ttatgaatgc aaacaatgtg	180

gaaaagcctt	catttcttcc	agtcactttc	gactgcatga	aaggactcat	atgggagaga	240
aagtctaaga	atataagcaa	cattctgaag	ccttcgggtg	ttccagctcc	ttctgaatac	300
acaaaagagt	tcatactgga	cagaagctgt	gtgaatacaa	acattgttct	aaagccctta	360
attgttccag	tttcttttga	gcacgaaaga	attcccactg	gtgagaaaca	gtatgaatgt	420
aaacattgtg	attaagcctt	cagttgacct	aattcatttc	aaagacagga	ctcgtgctgc	480
agtgaaatct	ggtttggttt	ttgctttttg	gtttttttaa	aaaggccaag	cttggttggt	540
catgcctata	gtcccagcac	tttgggaggc	caagggtgcaa	ggcgggcaga	tcatttgagg	600
tcagaaatc	gagaccagcg	tgggtcaacat	ggtgtaaccc	catctctact	aaaaattacc	660
aaaaaatgaa	ccaggcatgg	tagtgcacgc	ctctaatacc	agctactcag	gaggctaagg	720
caggagaatc	acttgaacct	ggagg				745

<210> 3102

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (79)...(601)

<223> similar to gi5732634 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3102

cagccctggt	ggatgctggg	aatgggaggt	gacattctcc	agggacaggt	cctggaaggg	60
gtggggaaga	ggtaggttcc	agccccgcag	aaccctggaa	tccctcctgt	gcctgaggcc	120
ctgcccccca	gcatggacta	atgggtgtcc	tacctctccc	tcagggcagc	cctgtggctg	180
ggaccctggg	aacagcctcc	catcccaccc	aacatgccca	agtgtggggg	aatgttctac	240
agcagtgtag	cctccagccc	ttctctccag	gaggctttga	gagcccaact	tactcccctg	300
cagagcagga	aggtggtagg	tcaagtgtgg	ccaccattgg	ggagacgaga	aagaagtggg	360
gccccaccag	attgcacaat	gggaacctca	gctggcccct	gaacagagga	ctcagttgtc	420
tccaccctac	accgctattc	cctggagctc	agccaggcgc	agccttggaa	ggagaaaggg	480
ctggggttac	ctggcttgct	ctcctccagg	aaagccccct	tcctcctctg	ccccagctcc	540
cagcctggcc	tcctccaggc	aggccctact	cctctgcccc	agctccggct	ttccccatga	600
ggtttgtccc	aggcatgaag	aaagcatcca	gagtgcgaat	gagtgggcct	aggccagagg	660
cccctcagtc	cccaagggta	ctgttttggg	ggcctttcag	aggggtcaagg	aagccctgct	720
tggggta						727

<210> 3103

<211> 530

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(323)

<223> similar to gil049301 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3103
tttttttttt ttgagtgtgg ttaatccttt accaatagct tttctgttac aattcacagg      60
agaatacata atggagagaa atcctatgag tgcagtgatt gtggaaaatc ctttaatggt      120
ctctcatccg ttaagaaaca catgagaact cactactggaa aaaaacccta tgaatgtaat      180
tattgcggga aatccttcac aagtaactcc tacctttctg tgcatacgag aatgcataat      240
aggcaaagt gaattcaata actgtgggaa aagcattcat tgatctttca tgcctcagat      300
aacatgagca aactctaaca agatgtatga atcacctgct actgtgtaac aaattacccc      360
ccaaaatttt gtggcttcaa acaaaaacac ttgttatctc aaaatttttg taggtcagga      420
attcagaaac aacatagctc tatagttctt caggatatct caagaggtta cagtccagat      480
gtcagcagaa ctgtaatcat ccagaattgt tactggtgaa gggaccactt      530

```

```

<210> 3104
<211> 524
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (85)...(238)
<223> similar to gi2463531 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3104
ccctgtattg tcacctgact ccaaaaaaat tattttgtgg cctatgggtc ttttgggggt      60
tgtctgctag cataggactg cttcctgttc cctctgagtt tgttgacctt tgctcaggga      120
cacttcagga gctagtttct aattgttttc tttcagtggt aggagtgaag gtggcaggaa      180
ttcccgggtc acccctgcag ctgccaaacta ccgcagcaga actgcaaagg taaggtgggc      240
tccagcccat gatgctcagt gggggactca gacatgggtg ggcttggtg gctcctgaag      300
ttgtagaagt tgttgggacc aggctggttg tggttcaaag attgttcctt tggcttttga      360
gaaggagggt tctaaggaag cgggacattt tcggggatcc aggggaggag taatgctttt      420
tcacttttta tgtaaagctt cgtttgtggt gtgttggtca ccaggcaaag ccttccaagc      480
aacagggagc tggggatgca naaaaggaag aggaggagta atgg      524

```

```

<210> 3105
<211> 419
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(419)

<223> similar to gi285987 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3105

aataaagaaa	gaaacagaag	ctggccgagg	agtgagttga	gctttccaag	ttagctgacc	60
ttaaagatgc	tgaagctgtc	cagaaattct	tcctggaaga	gatatagctt	tggtgaagag	120
atcctagcta	aaggtgtaga	ccacctgaca	aatccaagtg	ctgtgtgtgg	acagccacag	180
tggttactgc	aagtgttaca	acaaactctt	ccactaccag	tgatccagat	gcttctgaca	240
aagcccctac	cagttaatca	gagacttgta	agtgctggcg	cttggccaaa	gacgatgtgg	300
aatgagaaa	aaatgtcaac	ataataaaat	ctcagttaaa	atacttgaaa	aattcttaac	360
ttggtagtgt	agcagaagg	caaatatgct	tgttatgaac	tattctacat	tgaaatcta	419

<210> 3106

<211> 996

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(997)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (23)...(435)

<223> similar to gi1086586 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3106

gcgtgtcaac	tctgaaaagg	ccaagcttca	ttaccttcgt	tcttttgaca	aggggccatt	60
tgctaccttt	aagacgcgcg	atgatcgaac	ttgagagtgg	acaggactta	acttcagcac	120
tgatgggacg	ctcatcctta	tttacaccaa	cggcagcttc	attcgctga	ttgatgcatt	180
caaaggagtg	gcgatgcaca	catttggggg	ctatgccaac	agcaaagctg	acacacatgg	240
aggcttcatt	tactccagac	tctcagttta	ttatgatagg	atcagacgat	ggcaagatcc	300
atgtctggaa	tggagagagc	ggtataaaag	tagctgtggt	ggatggtaaa	cacacaggcc	360
cgattacctg	tttgcaattc	aaccccaagt	tcatgacttt	tgccagtgcg	tgttccaaca	420
tggccttttg	gttgcccacc	attgatgact	gaccctgttg	ctgcttggct	atttctgtat	480
agtgaggcgc	gccagcagga	agaaactcag	aggggaactga	gataaatagt	ggattggatc	540
atttgactgg	gctggagaa	atccttttac	atggccttcc	catggatgtg	ctgtacatct	600
gctcaaaaaga	aaataattac	tttcatgagc	gtcttcaaaa	ggactcttgg	tgcaacagac	660
tcaattggaa	ctcagctttt	ctaactgtca	ctgcaccaag	ctctgctgga	ggagtgaacca	720
gactcacgat	ttggtatagt	ggggctctca	agcatcttca	atttgaatgt	acatgctgct	780

gaggagccgg	tgaagtcac	agttccgcac	atcccttcta	ccctccaact	gcatgggaag	840
ccaaagtcct	ggttttgaaa	tgcttgggca	gtccagccgc	ttgccctcac	cctgcatgtc	900
ttgttactgg	gtctccctgt	gtacttgtgg	cattatccac	aaccatcatg	tttcttaggt	960
gccaaacatt	tacagaaaca	ttntcatata	tcttgg			996

<210> 3107

<211> 2228

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (215)...(617)

<223> similar to gi3877422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3107

tcagctgcta	gtaacagaca	tcccaggcaa	caaagaccat	cacagactaa	gccagcacat	60
catgaccagc	agtgcctggc	cgaaagggtc	ccgaagccct	atggttttcc	ggtctctgat	120
gcagtgatag	acatccaggg	caccaccctt	ctgcgccttg	gaaagcctgc	agcaccgtcg	180
ctaagagcaa	gtggtctggc	tgcagccacg	cccctgctgc	agagcgagcc	cagcctcacc	240
agcgacgagc	tgcacctgcc	cgggaagcct	ggcctgggca	cgccctgcgc	cagcctcaca	300
ctgggcccgc	ccacaccgcc	cgcctccatg	cccaacctcg	ccgaggccac	gctcgcggac	360
gtgatgcccc	ggaaagatga	gcacatgggc	caccagtccc	tgacgcccga	tgaggcgccc	420
tcgcccccca	ggctactggc	ggcgggcagc	cccctggcgc	acagccgcac	catgcacgtg	480
ctgggcctgg	ccagccagga	ctccctgcat	gaggactctg	tgcgcgccct	ggtgaagctc	540
agctccgtgt	gaccacatg	gccccaggcc	gggggacacc	agaggctcct	ccatgggcag	600
caggagttag	cggaggggtg	tgtccacag	cgactttccc	agccaatgcc	acgggtggaga	660
tgacagcccc	aggtctgggg	tacagagacc	acttaggatg	gcacaggggtg	gctggccccg	720
gatgctgaga	gcttggtttc	atttgaattt	tcttccccaa	cctgagtgtc	ttgacaacaa	780
tggaatatga	gaagtggctg	ctttcttttg	gtgacctccc	aggggtggaa	tcggagtgtg	840
tctgccccgc	cttgtgacag	acacacggaa	ggcttctgac	gcttgtggcc	agactgcaat	900
tgcacttatg	tgttatgcta	ctaataattg	aaacagacct	gccattccat	ttgttaatta	960
aaaaaaaaaa	aaatcctaaa	gggaaaaaac	cgaccagggtg	tggatctgca	tgccacgctg	1020
ccgtctgtgt	tacagtgggtg	ttgcctaatt	tcccaaggaa	gtgcctgctt	tctttttctt	1080
tttttaattt	tgtgaatttt	caagtgtctg	tttgttggaa	gacagtgcaa	cgatactgag	1140
acttaatgga	cagtgtcatc	actcagctta	ctgggctgag	gcgtctgtgg	agagggtggca	1200
ccggggctgc	agagggcggc	tgggggtccg	tcgtgtcggg	tgtaacttca	ccttctgttt	1260
ggccgctcga	tgagggtctc	tgttgagata	ttgtgtgcca	caacccccac	agtcttcacc	1320
tccgtgtgtg	atgaaacttc	ccgtggacag	ccaataaaat	gacgtcctct	gttatttttg	1380
atctgcgtac	ggttatcctt	aatagcataa	atgaaaacaa	agtcattccag	atggggagag	1440
tttttcttga	aatgtcccta	gcgaggaatg	gtccccagac	aaccaaaagt	caaatctttg	1500
aactgggaga	tatttataga	ataatttctt	agataagagg	caagttttcc	atcattttatt	1560
ttctttaatt	atctcttttt	gacaccatct	tagtggaaatt	tgctctacgt	ttgcagtttg	1620
ccgtgcaaca	ggttgatcga	agtagggaaa	agggagggga	cgctcagggg	gaaggttctg	1680
tagggcgtct	tctgggcttc	cttctgtgta	aacgtgtcac	tcaatcccag	aagtgcact	1740
tgaggctcta	gtaaagggtat	cagaaaatga	ggaggagaaa	tcggcttaga	gtctaagctg	1800
agatcatgta	ggtcatcatc	cttctagac	actgatcaga	atgaaattaa	gaaaatgacc	1860
actttgttca	ctttcattgg	tcacctagaa	gggaacgaac	tggctctgga	cttagggagt	1920
gtgtcactat	gggggcagcc	acaggggaca	cagcaactcc	tctcctggct	tctttccaga	1980

ccataaatct	aacagctaaa	gtactcaag	ttcaaagcca	tggccttgct	ccttataacc	2040
atatgaaaga	caagacacat	tgaccaatga	tacaagtaac	ccaagtgatt	tgcatttatg	2100
gaaaaaggct	attactcctg	agaaagagtt	gccattttat	attaaagaaa	agaagatagg	2160
aaaaagaaaa	gcacacaagt	tttatttgga	atgaaggcaa	ttcacaggtc	acaaaataat	2220
tcattgctg						2228

<210> 3108
 <211> 2631
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2632)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2632)...(2)
 <223> similar to gi338675 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3108						
gcggccgcgc	ccacgtacat	gaagtgcagc	tgcgcgcggc	ggggcggctc	cacggtctca	60
ctctgcacgg	cctcgatctt	gtaggggatg	ttgaggctgc	ccagcgaggc	gagcgctccc	120
aggaatgcgg	ccacgtcggg	ggcactctgg	aagcactgcg	aggaggcctg	cacacactgc	180
cggttgtcaa	tctccaggtg	gacgatggag	ccgcggacgt	ccatgggggc	cagctccctc	240
cgcgcgcgcc	caccctcgct	gccaccaggg	agcagcgagg	ccttcacctg	gccagcagg	300
gcgtcagggt	cggcccagcc	ctcggcggca	cgcttgatgg	ggtgcttgcg	cagctcctcc	360
tcgcggccgt	agtaagggga	agatcatctg	ctggccgctg	agcgtcacgc	tttgaagacc	420
acgttggtgt	tgcagcacgc	gggcttgaac	tcccgcagga	aagtggaaag	gagctgttgc	480
gcagctgctc	cggcggcatc	agcaccacca	ctcacgcgct	gccggccgcg	cagcctctcg	540
ggtacatgct	ccgcacagtc	cagcccgtcc	cactcgcact	ccgcgctggt	gcagccctgg	600
tcgcagtgcc	cgtcgctgaa	gtggctcctg	cagtactggg	cgtacagggg	ggtgcactgg	660
ccttcgcgac	gctggcagtc	aaagccgtcg	aagaggcagc	cggctgagtt	gcactggctg	720
tcacagtggc	cgtcactgaa	gtacttccag	cactgcagag	actgcgtgca	gttcttccag	780
gggtcattga	agttgaggga	gcagtcaccg	ccgtcccagc	cgcacgcgtg	gttgttgcac	840
tgcaggctgc	agaccttggt	gcccgcgtcc	tcctggcact	cgggcagctc	gcacgcctcc	900
tcgatcagcg	gcggggggat	gtcgcgcccc	gccccacccc	cgaagctgta	gtccaggatg	960
tggcacaaga	gcccgttgaa	tttggcgggg	cacaggcaac	ggtagaaggg	gctctcggat	1020
gtgggctcac	aggtccctcg	gttgtagcag	gggttgccgc	ccaggcaggg	gctgctggcc	1080
gggaactggc	attcggggcc	cgtgaagggg	cccaggcaca	ggcagggtgg	gctgcgcggg	1140
ccggagatgc	atgtgccgcc	gttgaggcag	cgcaggctgc	cgcaggtagc	agcgtcattc	1200
tcacacgtgg	cgcctcgaa	gcccgcaggg	cacttgca	tgaaacccgc	gggcggtggt	1260
ggaggccacg	gcgcagggtg	ccccattctt	gcagggttg	cctttgcagc	cattgatgac	1320
ggactgcag	cggcgcggg	tgtgaccagc	acggcactcg	cagtgggaagt	cattgacgcg	1380
ctgcacagc	ttctgggtgc	cacgggcgtc	gcagggattg	gacaggcact	cgttgacatc	1440
ccctcacag	cgtcaccca	cgaagcccg	cgggcagggt	cagctgtagc	cgcacacctg	1500
gtccacgcag	gtgccgttgt	taaagcactt	ggggctccgg	gacacggggg	caacgggggg	1560
attgcagtcg	tccacgttga	tctcacagtg	cacaccctga	gtgccccgtg	ggcaggagca	1620

cttgtaggtg	ttggggaggt	cgaggcaggt	gcccccggtc	tggcaggggt	gggagaggca	1680
ctcgtcgatc	tcctcagagc	agttcacccc	gtggtagccg	gccacgcact	tgcaggagta	1740
gccgcccagg	tagtccgtgc	aggtggcccc	gttctggcag	gggctgggtg	agcactcgtc	1800
caccaggtcc	tcacagtagc	tgctgtgta	gcccgcctgg	cagcggcagt	ggtgcgtggt	1860
gcccgcgtcc	acacagagcc	ctccatgctg	gcacaggcgg	gcaacgtcaa	caccttgctg	1920
ctgcgcagcc	acctcacagg	acacgctggg	cacgtcgcag	taaaggccgg	tccagccgct	1980
ggggcactcg	cagcgggtact	gggtgtgggt	ctgccagcat	ttgccgccgt	tcttgagggg	2040
cgaggagtca	caccagtga	caaggttctg	gcagttgggg	ccagtgtagc	cctggggggca	2100
ggtgcacctg	tggagaccgc	gaccgtcctg	acaggtgccg	cctagcaggc	agggtcgtga	2160
gtcgactca	ttgactacgt	gctggcagta	gctgcccggtg	aagccgggtg	gacacaggca	2220
ggtgaacgag	ttgatgccgt	ccacgcaggt	gccaccgttg	aagcaggagc	tctctgtgca	2280
gtcaggcggtg	ttgtttctac	agtggatccc	gctgaagcct	gcggggcagg	tgcacgtgta	2340
gctgtccacg	cagtccgtgc	agttggcccc	gttgccggcag	gggtcactgg	cacactcggt	2400
gatgtcctcc	tcacagaaag	tgccccggaa	gccgggcagg	cagtcgcaga	agggcgtggt	2460
gatgccgtct	gtgcaggagc	ccccgttgtg	acacgggttg	ggccggcagt	cgtcgatgtc	2520
ggtctcgag	ttgcgccac	tgtagccggc	ctggcagtg	cagcggtagc	cgccgtgggt	2580
gttctggcag	gatgcgccgt	gccggcacgg	gctcagaacg	cactcgttga	t	2631

<210> 3109

<211> 1238

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1210)

<223> similar to gi4106980 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3109

ctgagtctgg	gccagaaagc	ccaagcactt	gcagggaccc	tccccaaacc	cagcctctgg	60
gctgagccag	gctctgtgat	tacctgggag	agccccatga	ccctctggtg	ccaggggacc	120
ctggataccc	agggttacta	tctaccaag	gaaggaaacc	ccatgacctg	gtaccaacag	180
agcccaccag	agcccaggaa	caagaccaac	ttcttcaccc	catccatgag	agagcaccat	240
gcagggagat	accactgtca	ctatctcagc	cctgcaggct	ggtcagagcg	cagcgagccc	300
ctggagctgg	tggtagacag	cgtgtctagg	aagccctccc	tcctgaccct	gcagggccct	360
gtcgtggccc	ctggggagaa	tctgaccctc	cagtgtgggt	ctgatgtcgg	ctatgacaaa	420
ttcactctgt	acaaggagg	gggacatgac	ctcgtccagg	gctctggccg	gcagccccag	480
gctgggctct	cccaggccaa	cttcaccctg	ggccctgtga	gggtctccca	cgggggccag	540
tacagatgct	acggtgcaca	caacctctcc	tccgagtgggt	cggccccccag	tgacccccctg	600
agcatcctga	tcgcaggaca	gatccgtggc	agaccctccc	tctcgggtgca	gccggggccc	660
acgggtggcct	caggagagaa	cgtgaccctg	ctgtgtcagt	cacgggagca	gttggaact	720
ttccttctga	ccaaggagg	ggcagcccat	cacccactgc	gtctgagatc	agagcaccaa	780
gctcagcagc	accaggctga	attccccatg	agtctgtga	cctcagccca	cgcggggacc	840
tacaggtgct	acagctcacg	cagattcttc	ccctacctgc	tgtctcacc	cagggacccc	900
ctggagctcg	tggctctcagg	agcagctgag	accctcagcc	catcgcaaaa	caagacagac	960
tccaagactg	gtgtgtaagg	agatgctctc	ggttatgggg	ctggcacaga	gggtcaggtc	1020
ctgtgaagg	gaggtgggtg	ccctgggtgg	acatccagg	gtcccgggtg	atgttgatct	1080
gccctgacct	ctgagacctc	ttgggtccacc	atccccagcc	tcacaccccc	aggattacac	1140
agtggagaat	ctcatcccg	tggctgtggc	tggcttggtc	ctgggtgggtc	tcgggattct	1200

<210> 3110
 <211> 1777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1778)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1433)...(717)
 <223> similar to gi3135493 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3110

tttttttttt	ttaacatatt	accacatcca	acttctttat	tcttgagaaa	acaaaaaagt	60
ccaaaatcaa	aggaaagcac	ccgttttaaa	ccctcatatc	tttctcaggg	ctcactgcag	120
tctggccata	tctcaagcag	gtctgtccaa	tggcttgga	catagacttt	tgcagtga	180
ctttaaaaac	attacttgaa	ttaggattac	acaaaaaaa	ctaaattcta	agtgagcaca	240
actatcgctg	agaccctgaa	atttcaggaa	ataaacatgg	ttcaaaactc	aaactgttca	300
tcaaaataat	tacgcaggtc	agccaccact	gcagaaccat	cactgctcag	aggaattgag	360
tcagcaatga	ctgatctcat	catctcttca	ttagcacata	agcggttcaa	cttgggatac	420
gcaaggagtc	tctgcagagg	tacgaaaaat	ttatctccaa	cacagaaggg	tgtgggagag	480
ttctctatct	tggccttctc	aacctctgtg	aagactggtc	caaagcatgg	gacaggggcc	540
tttgagccac	caatgtcttt	gggcttatca	ccccgttccc	cagcctgttc	tttccgcctt	600
ggcaggtggc	tcactcttaa	gctttccact	tgttgggaca	cctcattaac	caacacaagt	660
ttaaagaacc	tttctgctg	taagcttggg	tatgaggtgg	taaaaacagc	tttataaaca	720
tgtgatcat	gctgctctga	aagacatgat	tctgttgcc	ttctccatt	tttccggaag	780
attcctatct	gggtacagta	tccaacattc	tcagctccag	ctgggtggtc	cccagacacca	840
gtaaaactcca	cagagtaatc	atagcgattt	gccacatata	aagcccaggt	ctgaaactcc	900
attctgggtcc	actcaaattt	atgatctgaa	tctcttaagg	tactgatgg	aaacagggga	960
ttgaattcag	agtttgggtg	gctgatgaca	atcatggatg	gagacaggta	cccaaatacc	1020
acttcaggac	aatctggcca	gatcacctga	actccaaatg	ttctattaat	tcaatacacg	1080
ttatcaagtc	aaatccaagc	aaacgagagt	ctctctccgc	aacggagcca	tgataacaatg	1140
tgatgggtcaa	attcagatcc	cgagggtttca	gaaaatcccc	caggaaagga	gctaacgaat	1200
ccccctctcca	tcgtaattta	tcctcattaa	tatctactcc	aacaagcaat	tcaatgcatg	1260
gattgacttt	tagcagcctt	aagagtgaag	tatcaccaca	tcccaggtct	gcaaccttct	1320
taggctcatg	ttgatccact	aaatttttta	cgaactggta	ccgctgtctg	tatagtggag	1380
gtttaaactg	aattgccgtc	tccttgggaa	cttcttcaaa	attaccgtca	accacactac	1440
tgcactgtag	attattttct	tccattttgt	ttcgaagttt	tgttgaaaca	aaaatgaaga	1500
tttatccttc	aagctctatt	tgagagaatc	agcactgact	cagctcgtgc	gctctcacgg	1560
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tccaaggcgt	cggttttgcg	tctcgtaacg	gocgctgtgg	cgcatgccca	gaagccattt	1680
tcaaggtcct	cttccgaacc	ttggcgagga	ccccctcgtc	caagctggcg	tntgtggttt	1740
cagatcttca	gttatcaggc	nggggggtctc	taaacc			1777

<210> 3111
 <211> 1802
 <212> DNA
 <213> Homo sapiens.

<220>
 <221> misc_feature
 <222> (1)...(1803)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (12)...(676)
 <223> similar to gi296669 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3111

ccccccggct	cccaacagct	cccaccagct	tgtcaggaca	acaccgctct	ctgcggctgg	60
caagcaagcc	tgagcgtgaa	gtgccccttg	gagcagggca	acaggagtcc	atggaggcag	120
acacagacct	agaggcaggc	ctggaagaag	aggcgggtggg	gggcctgggg	cctggagcct	180
gggcctgcct	ccccgggcag	ggtcttcgct	atctggaaca	cctgtgcctg	gtgctggagc	240
agatggcaag	gctccagcag	ctctacctgc	agctgcggat	ccagaggccc	ccaggggatc	300
ccggcgagga	ggagtcgacc	cgagccccct	taccgtcccc	gttacacacc	ccaggcaatc	360
gggggcaggg	gccatgggag	ctgctaagcc	agacagagca	cacaggagca	aaggctgctt	420
cacccccaaa	ggtggagggtg	cccagtgcc	accctcccag	gtgccagaa	accccagtgg	480
agccaacgta	ccacttgcca	tctctccagg	gacacaagcg	ggatatctcc	cactgggaca	540
aggtcaaggt	cctgctcaac	cggatctgcc	ggagaagcca	ccaccacct	gagccccctg	600
ccccctctga	tggtcttgac	cccaggatcg	agtccaggga	cctccctgaa	aggcctcagt	660
gccgccccca	ccggaagacc	tttatgccat	cattagtggg	taagaagcaa	cgagcaaaaa	720
acctttctgt	aggctgagac	ctctcggtgc	acctgggtgac	cctgggtgga	ggggacttgc	780
tgtgaagtct	tctctgccct	ctgcccctct	gctgcttctc	cacattgcc	ggaaaagctg	840
ctgacgcctg	ccctcctctc	ttgagtcgag	ggctgaatct	ttctcctcta	agcagtctgg	900
tcaggaacct	tggtttcttg	agaggcccc	aagatgccgc	agctccaggg	ctcttcctcc	960
tcaccagaaa	tccttgggct	tccacaatgt	gaactcactc	attgtcaggt	gtccgtggag	1020
tgtttttggc	atggtgacct	gtctgggccc	agcatgttgc	agatgtgtat	ttatgcgcaa	1080
tggtatgcat	atctctgtgt	gactgtcagt	ggtgcaagct	ggctggatcc	aaccatctct	1140
tctgaaataa	tgcattccaaa	gggttgatat	tctggggggag	gtcactgcag	aaggatggaa	1200
ctgaccttta	ttccccagtg	ggcagttact	gagctttcct	cctcagagcc	atgctggcag	1260
ccctgggaca	gagaacggtg	tggttttggc	tgccctctgca	tggaatcttg	ccccggactc	1320
ctgaagactg	cacaaggaat	gaggaagatc	agggacaacc	tggaactga	ataactttca	1380
aagccagtg	tcagcttctc	tgtctcgtag	tagcgtttac	aggtcttaac	tcaaaccaga	1440
tgccctgtact	agttttttaga	ccccaaagtc	acctttctga	gccacagctt	cccgttggga	1500
ataatgatgc	ctgccctatc	tacctcacag	acttgttatg	aggataaagt	gagattaaac	1560
tgccctcaag	tgcaaaaaaa	aaaaaggggg	ggcgccctta	aaaagaacaa	attttaaacc	1620
ccgggttttg	aaaattaaat	ttttttttta	ggggggcccc	aaattaatta	cagggggggg	1680
gttttaaaaa	acggggggag	ggaaaaacct	gggggtttccc	aaatttatag	cgctggggag	1740
aaanccctt	gctggttggt	gggttttgag	ggcccccccc	cctttaacac	ccccaccggt	1800
aa						1802

<210> 3112
 <211> 1990
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (153)...(515)
 <223> similar to gi3108185 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3112

ggaattcaca	atttagccta	taacaagtgg	gaacaaaact	ccacctcttg	atcttgagga	60
gctgcagtca	gattgaaaag	gagtatggac	agtgggggaa	ataacggaga	ccattattgc	120
aaaaaaaaacc	acactgactg	atcctccaca	cctggactag	tttgggccga	ctgacccctc	180
acatctggac	tggtttgggc	aaaggcaaca	cccttaggca	cctcctctca	ccagctgtac	240
cttctccctc	cttccctgc	aagccttttc	ctggagtta	ttggtgatcc	caagcctcca	300
gcctggaagg	gctacctcct	cgccgtgctg	atgttcctct	cggcctgcct	gcaaacgctg	360
tttgagcagc	agaacatgta	caggctcaag	gtgctgtaga	tgaggctgcg	gtcggccatc	420
actggcctgg	tgtacagaaa	ggcatccaca	gcatactga	agaaatattc	agaagttaac	480
taatctcaga	tgatttcagc	aggagtaaag	aagagaaaaca	gactcagaaa	tgccattaca	540
acagttaatt	atgtcaaatt	tatcacccctg	attgatcacg	cagcattaac	ctcaagaacg	600
ccaagccaag	tttttttgac	aaatgtgagc	caaggtttcc	gaaaaactag	cagatatgac	660
tgtgacttac	aaaatggaaa	aagtaaacga	gaaacacaat	ttgatatgat	ttaataaaaag	720
atgtgtttcc	accactttctc	ctgggaacct	cagcacattt	tctttccact	gacagttatt	780
atctctacct	ttattgaaca	aagacacccg	gaacacagct	gctgaggatc	agtaaagaaa	840
atcattcttt	tattaataag	actgttatta	gcaggaaaaa	aaaatccatg	tttgggagtt	900
tgcaactgaag	ttacaggcca	ttttgaagaa	atatggctga	ctagtgccaa	cattatttca	960
ggcaatttca	tgatcaaatg	tcttattagg	ttgtttaaaa	tttttataga	gattgtaa	1020
cagaactatt	ttctatttgc	cctaaatatt	tagatgctac	agggaaagca	gatcaaatta	1080
aagggtactg	tgacattttt	tttactgggg	aactcccg	gatattaaat	catttcgcct	1140
gcagcatggg	aattcttcag	tacacatgct	tgtggaaaca	ttccacgctc	cgccagcacg	1200
gctcattaaa	gtgatgattt	ggggttgcaa	caacagtggc	caagtacttc	ctgtgttcaa	1260
ctggggacca	tgtggcaaga	ccccaaagct	tccccagag	atcctatggg	gaataagggt	1320
tttggagccc	accatattcc	attatttcag	ccctaaaatt	aacacccatg	gggaccagga	1380
atccagaaga	ccagaggagc	cagaccaa	gtgtgtaaga	catgctggaa	gggaaacctt	1440
cctttttaga	aaccaggggc	aatatcctat	taaactttaa	gattgtgtat	ctcttgcccc	1500
tggcagtttc	ctgtatttga	gttttaaccc	tactgatata	ccccatgcat	gtgaataaag	1560
tatcttcctg	catgtaacag	gatattttaa	gtaaccttga	ttatagttgc	aaatgctggg	1620
aaacgatcca	aatgtctttc	aatatggcac	tgattaaata	aattatggca	cagtctcaca	1680
atgaaaaacg	aaatgtagcc	attaaacaga	atgaaatggg	tctagctaaa	ttgaaatagg	1740
actacctcta	agatatgttg	ttaaaaagaa	aaaaaagaaa	gtgcagagga	acaagtatga	1800
taccattttg	tattttttaa	catatgcaag	cgtgattgtg	cccacacgag	aatacctttg	1860
aaaataaact	cagtatttgc	ctcagtggat	aaaaacaaga	accagcctta	ttttcactgt	1920
tatatctttt	ggtgccactt	tttgaacttt	ttaccatatg	tgcatatgta	actttctaaa	1980
taaattttgt						1990

<210> 3113
 <211> 1481
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1293)
 <223> similar to gi1857145 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3113
 atggatgtta acagcagcgg ccacccggac ctctacgggc gcctctgctc tttcctcctg 60
 ccggagggtg ggggcaggct gcccgcctg agccccgacg gtggcgccga accggtcgcg 120
 gtctccggga cgccgcatct gctgagcggg ggccccgag gtgacggcca gcccgcgcc 180
 cacctgggac gcaaccccg gcaatgcctc cggccgcggg gagcaaatca agaaagggcc 240
 gagaaagtgt tgatcggctc tgtcctgacg ctcatctctc tgcgatcgcg ggcaactgcc 300
 tgggtggtat tccgtgtgct tcgtcaagaa gctccgccag ccctccaact acctgatcgt 360
 gtccatggcg ctggccaacc tctcgggtggc catggcggtc atgcccttca tcagtgtcac 420
 cgacctcatc gggggcaagt ggatctttgg acaacttttc tgtaacgtct tctccatgaa 480
 tgtcatgtgc tgcacggcct ggatcttgac cttgtacgtg atcagcatcg acaggtacct 540
 tgggatcatg aagcctctca cgtaccctat gaggcagaag gggaaatgca tgacgaagat 600
 gattctttct gtctgccttc tttccgcctt tgtcacttta cctaccattt ttggtcgggc 660
 tcagaatgta aacgatgata aggtgtgctt ggtcagtcaa gactttggct acacgattta 720
 ctccaccgca ttggcatcct aatccccatg tgcgtcatgc ttttcatgta ctaacagatt 780
 tacaaggccg ccaggaaaag cgcggcctaa cacaggttac ctggcttccc tcgagtggag 840
 ccagacagca gtagtcaccc tgaatggcac agtgaagttc caggaggtgg aagagtgtgc 900
 aaaactttcg agactcctca agcatgaaag gaaaaaatat ctccatcttt aagcggaac 960
 agaaagcagc gactaccttg gggatcatcg tctgggcctc caccatgtgc tggccgcct 1020
 ttttctcct gacagccaga cccttctgtc tatggcactg cctgcagctg catcccactg 1080
 tgggtggaga ggaattttcc atggctgggc tatgcaaact ctctcattaa cccttttatt 1140
 tatgccttct tcaactggga cctgaggacc acctattgca gccggctcca gtgccagtac 1200
 cagaatatca accagacact ctcagctgca ggcatgcatg aagccctgaa gcttgcgtgag 1260
 aggccagaga gacctgagtt tgtcctacaa aactctgact actgtagaaa aaaaagtcac 1320
 gattcatgac tgaaagaggg ataatggaga tgaaataaac aaggcaaaat agaggtggaa 1380
 acagaagaaa gtcatttgcc aagactgcag aatggaatgc agcttctgtc ctttcttaag 1440
 atggctaaaa cgtgacaaac agcatgacct gatgtacaac a 1481

<210> 3114
 <211> 1328
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (21)...(633)
 <223> similar to gi5730196 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3114
acgccaaagct tggcacgagg agccttagag aacatcagaa agcccaccca ggggattaaa      60
tgtatgcata taaagaatac gaaaaaactc tgagctggaa atcaaaccctc acaatacata      120
aatgaacaca caggagagaa ctgttaacat agtgagcact ggaatttcct ctacaatttc      180
agcctccacc aaatatcaaa gaatagaaga taaattgttg aaatctatct tatatgggca      240
ttctttcagc cagagccagc tcttctatgg atatacagaa ctcacacagc aaagaaaccc      300
tataaacata atgaatatgg aaaatactct tgcgaactca ctcctcagaa aactcacgct      360
gcagaaaagc tctgagaaag taataaaaat gtgaaaactt tgtgccaaca atcaaaaactc      420
attcaccatc agagaaatca cacaatgaca aaagctagaa tataataagt gtgtgataaa      480
ctttaatgaa aaagtcagtc cagcaggaaa ttccattcaa gatagagacc tcatagtata      540
ttaaaacaaa caagaaatga agttaatgga tgtgggaaat tcttctgcca tgtcaaccct      600
cattttaacc tacacagagg taatccctat atgtcgtata ataactattg aaatgttcac      660
tagtaatcat tttcacttct cctcatgcc acacctgggc cttaaatttc ttcaaccact      720
tctcttcatt cttaaacggg gtcataattgt taccctctag ctagtggaa atgggggtcag      780
tgacaggctc taaatacatc agtcaaattc tcaatatttt cttctatccc tcattagaat      840
ggaatggagg aaaaccttgg gactcaggct ctgatgatgg aaagtacaag atggtaggaa      900
cccgggtcag agaaggatcc tgtggcatgg agttttctcc tccctgtaca cagttggact      960
tcttgacgtg aggaataaaa tgtgttcctt gctgaacttc taaaggtttg ggtatacttg     1020
atactgacag aaactcaaca accctcacat aataaaaactt aggagtatga tttttcagga     1080
catctgaact cagtgtatgt cagaaaagtc acataggaca aatctcggac agcatcctga     1140
atgaccatgg cttttatccc caaagtcttc ctcacacagc aggtaatatc ataagaaatc     1200
tgacatttta acaaatatag gaaattcttc acacacacag acacacactc acacatacac     1260
acccaaagtc tcattaaata tatgataatt taagttttga tggtgaaaaa gtttcaacaa     1320
attatcat

```

```

<210> 3115
<211> 3294
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (18)...(942)
<223> similar to gi4096591 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3115
agcaggagga ggagggtgat gccaaacgca aggagaagca ggaggaggag gttgattatg      60
agagtgagga agaggaggag agggagggcg aggagaacga cgatgaagac atgcaggagg      120
aacgaaatcc ccacaggga ggtgctcgaa agacccaaga gcaagatgaa gaggtgggct      180
taggcactga ggaggaccgc tcccttcccg cctcctcgac gcagccccgg aaaccacccc      240
acagccagga gccccagggg cccgaggcca tggagcgccg ggtccaggct gtgcggtgaga      300
tccaccggtt catagatgac taccagtaag acaccgagga gagcctgtgg tgccagggtga      360
cagtgaagct cctctgatg aagatcaact ttgacatgag ctccctggta gtatctttgg      420
cccatggtgc cgtcatctat gcgaccaagg gcatcactcg gtgcctctg aatgaaacaa      480
ccaacaataa gaacgagaag gagcttgtgc taaacacaga aggaatcaac ctcccagagc      540
tattcaagta tgcagaggtc ctggatctgc gccgcctcta ctccaacgac atccacgcca      600
tagccaacac gtatggcatt gaggccgcgc tgcgggtgat cgagaaggag atcaaggatg      660

```

tgtttgccgt	gtatggcatc	gcggtogacc	ctcgccatct	ctccctgggt	gctgattata	720
tgtgcttcga	gggtgtttac	aagccactga	atcgcttttg	gatccgggtca	aactcttccc	780
cgctacagca	gatgacattt	gaaaccagct	tccagtttct	gaagcaagcc	accatgctgg	840
gatccacaga	tgagctgagg	tctccttctg	cctgccttgt	ggtcgggaag	gtcgtcaggg	900
gcgggacagg	cctgttcgag	ctcaagcagc	ctctgagata	gcagctaccc	cggcaccatc	960
tgcccagctc	caaggacctt	tggtaggggc	gtggcccagc	ctgccttctg	catgagagga	1020
ccaggagact	ggaatccagg	gcagttccaa	gtgacagtac	agagcacagc	agcgaccttg	1080
ggcctgaaag	cagtgggcct	ctgagctggg	ccagcttcac	ctggaaagtg	acagagttgc	1140
tcatccttgc	ccctccctgt	ctctggattt	ttatcaagggt	ttaccaagtc	ttctgagtc	1200
ccctgagatg	gctggggcct	cacctgtgct	gcaggaggcc	tctgtggcat	aacccctaag	1260
gagaagtcct	gattcacgat	tactgagaa	gaccaagggg	aagccatgct	ttgctgctgg	1320
ggaccccagg	cacctccaga	gtagggaagc	ggggttcttt	tgctgtgagt	ggccagggac	1380
aacagacaag	attcctgggg	gctcccgatg	agcaggaacg	tggagcctgc	tgcccaaggc	1440
ctgctccttc	cggtgctcc	agcccctggg	ggcagagtcc	acaaagagtc	cccatcaaga	1500
cttcttcctt	gagtcaagta	cagcgtagca	tagtcctcca	cccacccaac	ctctctgcct	1560
ggccagggtc	ctggccctgc	cactgtgtgg	cgaggtgtcc	ttctagacca	catcagcccc	1620
aaggctggga	gcagtcgctc	cagggccgca	gcagttcact	cccacacata	gaacccaggt	1680
cactgtctgg	gcgattgaac	aggttgccctg	gcttttctct	gctgtcagtt	tgggtgtggag	1740
gcctatgttc	tgcccatac	accccacagg	ccctgcttat	gggaaggaac	acaggcctcc	1800
agcccagagg	actgtgccgc	cctgttcttg	gccgtccacg	tttctctccc	ctctagcacc	1860
agcaatacat	ttccctggca	tggacagaaa	agacagagag	gacttataca	aagggtttgt	1920
aaaaccagag	gctagcttct	atctttgtct	actgttattt	cagctcaggg	cgggtaatta	1980
acatcattgg	aactagctat	taggaaagaa	aaaaaacttg	gtttttttta	caacaatttt	2040
ttcccttggg	ttgcagtttc	tgcatthgga	tttgagaacc	cagggcgggg	atthttcttg	2100
cacagtcagg	tcttgggtcc	ctcttctctg	gctttcttgt	ctgaggcctt	agggggaaga	2160
gctcagctc	tgacgcctcc	tccacctctg	cccctggcct	gcctctgctg	tgacctcctt	2220
ccagagctag	ctgctggccc	tgtggccagg	agaagcagag	gggagaagcc	tttatgcaga	2280
agctgtgcta	gccttgggtc	ggggtgggga	ggctgctgct	gtgaccttag	gggtagggtt	2340
ggggatcaag	ggaggctttg	tcaagggaga	gtgacctagt	tgctccctac	atccatgcaa	2400
taggacccag	cctgcacctc	ctaggccctac	actggggaaa	gcctgacaga	aatcagtacc	2460
tcctaacggg	gtctgccagg	ttcaccaagg	catgggcaca	gaggaatatg	acagttttga	2520
ggcaggcagg	aagggccag	cctgcagggt	aagacattca	ttctttgagt	taaaggccat	2580
attcacttga	tgatttctac	acacactaga	attgtgagag	tgtccttgaa	ggagatcaca	2640
aagtaacctg	gtgactgtgg	cacagggtcc	gtggattcca	tctctcccag	gcactgaggg	2700
cgcagaggcg	aaggagcaag	ccctgcatat	tggcagggtc	gtgaccatcg	cacttagatc	2760
agaccccga	cctgtgttgg	gatgtgaggg	atgccctcct	gccccacca	tccacatggt	2820
tcctggggcag	ctctgtttta	ttcctgtgtc	tttctctgat	gatgagtatt	aagacagcat	2880
gtctgggtttt	taaacagaca	tttgggagct	tgacatcct	gatgagcagg	gactcactgt	2940
gggtggcctta	gggaattaca	cgctcacttt	gggtggttct	tatgctcgga	agcctctgag	3000
agtggccttg	gcagcttaag	atggcagagg	ctttggagtc	ttcttaggac	tgtaagtgcc	3060
cattgaggat	gcatttgagt	tttggaaggt	aggcccaagt	caaactctgat	ggatggattc	3120
aagaacatgg	actaatctgc	gttgtcattt	ttaatcaaaa	tgtaatggag	attgatcatc	3180
tgggtgggggt	cacaaacttt	tcatgagagc	tgtgagttct	ttttttgaga	tgcaactttg	3240
cactttgtta	cccaggctga	gtgcagtggc	gcaatctcgg	cttccactgc	aacc	3294

<210> 3116

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (763)...(2)

<223> similar to gi5917666 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3116
acagtgaagg tggctgagac caggacggag gcagcacaga tggggagaca tgattggatt      60
ctgcctgttg tgaagctgga gccacaggac tggctggagg ccagatgcag gagtggtaga      120
ggggaggtag gatgtggacg agcattggcg tccctgggag gacacagcgt ccatcctggg      180
gcaggcactg gggaggagtt gaggagttca gtttgggaca tgacactgga gatgcttatt      240
agataccagg tggggagggtc gagcgggcca tggagggctg agtctgcagt tctggggcta      300
aagagagatg tctgggaact gtcagcaca aaggagccat gagactggat gagatcatcc      360
gggtctgagg actgagccac aggcaccgtg cagaccagga ggacacagaa gggcatggga      420
ggacgtggaa ggacatggaa aactccaagt ggcccagagg aaactgtggt cagccctgcc      480
ttccagagtt gggggagtgt aagagctgag gcccaaagga ggagtcaggg atgctaagcc      540
gtggaaaggg tagtggaagg actttccttc tggaaagga tgacagcgtg gacaaaggcc      600
gagagtggtg gaacgaggct ggaggatcac gggccattca cacaggcagt gaaagtcagc      660
ctgaggattt agcccagagg tgatggagcc cctgaagggt gtgtgtggag ggcaaaggag      720
aggggacaag acagggggac ggctcaagag gctgcggcgg ggcaaggcca gtaccc      776

```

<210> 3117

<211> 570

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(571)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (41)...(570)

<223> similar to gi4678718 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3117
ggcncnnnnn naaaatgatc tcttcggggg gaatatnttc actatagcca atcccaccga      60
tgttctaaag attcgaatgc aggetcaagg aagtttggtc caaggagca tgattggcag      120
cttcacatgat atataccaac aggaaggcac caggggtctg tggaggagtg tggttccaac      180
tgctcagcat gctgccatcg ttgtgggagt agagctacca gtctatgatt ttactaagaa      240
gcacttaata ttgtcaggaa tgatggaaga cacaacttta actcactttg tttccagctt      300
tacatatggt ttggctgggg ctcttgccctc taatccaggt gatgtggcag gcactcacgt      360
gatgaaccag agggcaatcg tgggacatgt ggatctctat aagggcactt tggatggtat      420
tttaaaaatg tggaaacatg agggcttttt tgtattctaa aggattttgg ccaaactggc      480
tttggcgtgg acccttgaac atcattcttt anattacata tgagtagctc aagaggcttt      540
anatctaagg actgaattat atgtgagccc

```

<210> 3118
 <211> 1253
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (977)...(677)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3118

ggaattcctc	tgtcccgcga	tacacaggg	gggacggggc	agggcgggca	ttgagctttg	60
tgctctgggg	tcaggggtgt	tcccctgccg	gcctcacccc	accaagcgga	tctcatgggtg	120
ctcctctggc	tgggcccacc	cgcagtggta	tccttctggg	ggcccttatg	ggagcctgcc	180
gggggtgcag	atcctgccgg	gggtgcagag	cctgctgggg	gtgcagatga	tttctgggtc	240
ccaggaccat	gagggggctg	ctctacacac	agccggaaga	tgctgcggac	ccaaactggc	300
cctttccctc	ccacaccacc	ccaggaccaa	tgggctgggt	ggaggccacc	catgctaaaa	360
taggctcaag	ggcctacttt	agcttctggg	caaaggtctt	ggcctggggc	tgactctgtg	420
gccttcctga	gctgcctccc	cagtaggcct	cagtgcctgg	ctacaggcct	cctccattcc	480
ctccattcat	gtgaccccac	ccctcccage	agaaaactctc	ttccgtagcc	caggagcagc	540
tgttgagggt	ttcacctgcc	catgccccag	cctaaggccg	gcttccccag	agcagacggg	600
ttgcactctc	ctgccccctca	ggccccactct	gtcatccaac	aaagtcactg	caactggccc	660
atcttaaaaa	caacaccggc	tggtcacgct	ggctcacacc	tgtaatccca	gcgctgtggg	720
agggcggggc	gggggggatca	cttaaagtca	ggagtttaag	accagcctgg	gcaacatggt	780
gaaacccgag	ctccactaaa	aacacaaaaa	caaattaagg	caccctgagt	ggtggtgggt	840
gcctgtgggt	ccagcgactc	gggaggctga	ggcagaattg	cttgagccca	ggagggtggag	900
gctgcagtga	gccaacgatcg	catcacgcac	tccagcccgg	gcaacctggc	aagaccctga	960
ctctaaaaag	aaaaaaacaa	caaaaaaaa	aagcccacgt	tcaagggcag	cactattcaa	1020
aagagggaag	caactcagga	atccaaacgc	gcaggaggga	acacatcggg	gttcatccac	1080
aggggaacac	gattcaccca	aaaaaaggaa	ggaaaccggc	ccggccccgg	gacttgaatg	1140
cacctggagg	agactgtgat	gaacaaaagc	acccaaaccc	aaaagggcag	ggacgggggtg	1200
atctgactga	ggtgaggacc	ccagccagcc	aaattcatgg	agacagaaag	aag	1253

<210> 3119
 <211> 1826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1827)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (124)...(588)

<223> similar to gi5832891 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3119
tttttttttt ttgccttctg gatttttttt tttttaaaagg gaggttggtt cctgcatttc 60
cactctttga ccataggaac gcctggctac aaaaggggct gtaattggct gctgcctata 120
ggggcccccag gtccttcctc caattgcaag gcagcaactc cgaagttcta agtcccatgg 180
aaagtggcag tgggtgggct ggactgtggc tggaggatca ccgggcctcg gttctcaagc 240
accatctgtc tggctgcagc tgggcccttc agctgggggc cagtgttgct ttccagctgc 300
ccccaccggg tcagatcatc tctgggcaag gaagagctgc tgggcatctc ttactgtcct 360
tctcggcagg gccttcctcc accttgggtg cctcctgacg cctgccccgg aagtcttcat 420
ctgaaaagga gaggaagct gcctcctcct ctaccctgca gggcctcgct caggcacggc 480
ccctagactg ggcaagagag ctgaccgcac tctctctgcc cccttcattt gggaccatg 540
cagatcccc caggtagacg atgcatgggt ccaggagag aggcagcagg aactcaggt 600
gctggccagg gtcaccact gagctctgag accttggaaca agttctcccc tcgtctttgg 660
gcctcaaat ttctcatcta taaaatggga tggaaaagct ggactatcta gatgacctct 720
gaggcccttc cagtccctgt ttctggatgc ctctgaccc tcgaatgtgg catgaggatc 780
agggttcagc tgcgggcccga ggagggtctg aggcagagtc ttctggcccga cgtggccttt 840
ggaagggact ggggtgaaagt tgagaagcct ctggggcccac agactgaagc tgcccagtg 900
ttggttctca ggccgaggggt ccccatggg ggcaggcctg tctgccacct cacacccaâa 960
agaatattcc ccagaaacag tacctggcac ttcatgtac aggtacacat ctagggtgga 1020
gtagggctag ggccctttt caggggttgc agaaagggg aagcaatgtc gaccaagtca 1080
gggggatcca tatctttggg tcacctgcc cccaaccctc agtgtgttcc tccaggggac 1140
agggcgggtg ctcccatgaa acaccagga actccgctgg gagatccccg atcatagaga 1200
agttggagct tcgatctccc ctccagcctc cccacacgcg tggccctcca catcatccag 1260
gaggttggt gttgacgca cagccccag cctgccaggc cattcaggaa aaccgtccca 1320
gggatgagg gacactgcc tagtctctcc agtcccactg actctctgcc ccaccctca 1380
aagctctgga ggtacctgac acaccacct gacccccac acccttagta ctgtcccca 1440
ggctcatttt cctgaggtca gtggtatggc caggccctga cactctcgcc cagcttacat 1500
ctctggggat ggagaaacag ctctctcctt gtttccctct ggctgtgag cctctgctat 1560
cctaggccct gtttgagaag catgaatagg agttctgata aaaaggtgga aagccgtatt 1620
tctactcgag gaaggaggg ccaacatgct tggagtggg aggactcgtg cccagttca 1680
actagagaaa tgaagggaag gtttgatatt gatggaagaa ccacttttcc tccaagaag 1740
tacataâcct cagaccaaaa aaaaagttaa tagncnnntt ncgngnctct nctgttncaa 1800
cgttcacagg nnnnccggct caccâc 1826

```

<210> 3120
<211> 1421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1422)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (141)...(1026)
<223> similar to gi3875538 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3120
ggcagcgagg atgtggtaca gcgcatggac ctggagggag gctgggaact gctcaggacc 60
tcggcggggc atgaggaggg ggccaccagg ttggccagcg gccccctttc ccagggccat 120
ggctgagcac gcaggggccc gactccccct ggtgctgaag acgctggcat gcacacacag 180
cagtgcgtat gagaaccaga gggtgaccac caccgccttc ctggccgagc tgctgaacag 240
caacgtggcc aacgacctca tgctcttgga ctcgctgctg gagagcctgg cggctcgcca 300
ganaggacac atgcgccagc gtgcggaggc tgggtgctccg cggcctggcc aacctggcct 360
ccggctgccc tgacaagggt cgaacccacg gccccagct cctcacagcc atgattggcg 420
ggctggacga cggggacaac cctcacagcc cagtggccct ggaggccatg ctgggccttg 480
cgaggctggt gcacctggtg gagtccctggg acctgcgctc agggctgctg cacgtggcca 540
tccgcattcg gcctttcttc gacagtgaga agatggagtt ccggacggca tctatccgcc 600
tctttgggca ccttaacaag gtctgccacg gagactgtga ggacgtcttc ctggaccagg 660
tggtgggcgg gctggcgccc ctgctgctgc acctgcagga ccctcaggcc accgtggcca 720
gcgcctgcag gtttgccctg cgcattgtgt gccccaatct ggcatgtgag gagctctcag 780
ctgctttcca gaaacacctg caggagggcc gagccctgta cttcggggag ttcctcaaca 840
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gcctgttcta cttcaagagc agctgggaga acgtccgagc tgctgcaccc ctgttcaccg 960
gtaagcacca cccctgccc cccccacg ccgcccggca gcccgcctg atgccccac 1020
ttcacagggt tctggtgct gcactcggag ccaggcagc agccgcaggt ggacctggac 1080
cagctcattg cgggtgagca cccctccacg gggccctcc gctgggccct gctgacctg 1140
taggcacccg cagggaacta gtgattttcc tggatttcag gactttttcc ctgtcactgg 1200
tgacctcatc gtctctagta attcacgga aattcttaac tgttccaaga gagcttaaaa 1260
aacactaaaa aaggaaaaac gatctttccg ttggtcctg agcctcccag cagaggctgt 1320
caggagagcg tggcccacgc gcaggcatgg gcatgccgag gtcacagccc gcaggcagcc 1380
cccctcctct acccccagcg ctccagatcc tgctgaagga g 1421

```

<210> 3121

<211> 1668

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1587)...(831)

<223> similar to gi4929633 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3121
ttttacattt tcttcttttt tttttctttt aaatgagcaa gtttgagagt ctgcagtttg 60
gactaccatg agaattgata ggaagggtgg agtcccaggc aatcccaggt cctgtagcag 120
cagctggtgg ggttcccact ccatgccgtg cagagcctga actcagggat gacacctgca 180
cctgctctct gggctgggct ctggcacagg aagcccctta agcaaacc ccccgggcac 240
agccaatgcc aattagccag aacaaaaagc tcgctgtacc aacacccatc catgggagac 300
aagcaagtta tttctgagca tcttctactg tgaaagaaaa ccaaggctca gaagaggacc 360
atggcttgcc acctaggcca acggggaccc aaagaatccc accaagtgtc aagacaactt 420

```

gccccatgct	cttcacggag	cgaccttggga	accctcccct	gacaggcacc	gctgggtctc	480
ctgacgtggc	ctgcaagtgc	acggagcccc	ttcctcctcg	gccattccca	gtttagattc	540
ccaggggaag	catcagatgg	cccctctccc	ctgctggcag	cagagcagac	ggaaccagcc	600
agagcccagg	gcagtgtca	cctgcaggcc	agtccactgc	ggccagcacc	gccccctaga	660
acctactgcg	ggcatggcgg	ccgccagtcc	tgggtctccc	ggctcaggta	gtgccaggaa	720
gctgcgggca	tggcggacag	ctgtcctcgg	tctggaggcg	ccatcctggc	tttcaaactc	780
gctccagagg	ttatctgggg	aggggctgct	ccctcacaga	gggagcctct	aagcccacca	840
ggcggggcact	ttcagcccaa	agcctccggg	ccacctcctc	atcctcagcc	tcggggggccg	900
gggcctttctg	tttgagtcca	tcgaagtact	ttccggaaat	catccgccag	ttcctccgcc	960
acggccaggg	tattgtgctg	ggctggggcg	ggccagcttc	gggggctctt	tgaccaggca	1020
gccagaagat	gggcccaggt	tgtggtgctg	gagaaaagggtg	gagccatgga	tgcccgtgtg	1080
tctgcccagc	tctgtcctgg	ccacgccggg	gtgcaggggcg	ttgacagtca	caccagagcc	1140
ttgcagccgc	cggctcagct	ccttggtgaa	gaggacgatg	gcgagcttgg	ctctggcagt	1200
aggcggcttt	ggtgttatac	ttcctcgtct	gccagttcaa	gtcgtcaaag	tctatgtgcc	1260
cagcaacatg	ggccagggac	gagagggtga	tgatccgcga	aggggctgag	gctttcagct	1320
tgtccagcag	caagtttgtc	aagagaaaagt	gacctggatt	aaggatgatg	aaaaggtcac	1380
ttttgactca	cacctaaaat	cccagcactt	tgggaggacg	acgggggagg	atcgcttgaa	1440
cccattggtgc	agcccctgcc	caggcctcac	ccaggtgggt	aacgccaaac	tgcatctcga	1500
agcgtcctc	ggtggtccag	tgggggcacc	gcatcacacc	cgcgttggtg	attagaatgt	1560
ccactcgtc	ctcctctgga	agagaggggt	ggaggaggag	acatcccggg	gaggacagac	1620
cccagcctga	tgcaccagca	gaaacactcc	tgtgctcca	caacctgg		1668

<210> 3122

<211> 1506

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1363)...(1103)

<223> similar to gi436042 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3122

tttcgtccga	gaggggtcaa	atgcctgttc	aaaggagag	gttcggagca	tggcctggga	60
aagtccatcc	caaattggcg	tgtcccagga	gccaggcaa	gcagggactc	ccccttagca	120
ccgggaccag	catgtggtgc	cctcaggcca	gcagagtggg	gcacattgga	tggctccgac	180
ctcagaggaa	cggacgatgc	cttcacgcgg	agcacacacc	gctcccgcag	cctccgcaga	240
gcctacggcc	tgggcccgc	ctgcctgctg	gatgcgcccc	agaacctatg	gacacccacg	300
atagccactg	gccagggtgc	cgcctgtgtg	gagattctcg	tgagggaccc	tgaaaacaac	360
agcatgggct	acaggaggag	caagagcacg	gacaattttg	cctttctgaa	gaagagctcc	420
tttaagcgga	agtccacctc	caatcttgca	gacctcagga	cggcccatga	tgacgggta	480
ccacagagga	ccctgagcag	ttcctccact	gactccaaa	agcttgggtc	aggaaggacc	540
aaacgctgga	ggagcccgat	aagggccaa	gactttgaca	gagtcttcaa	acttgtgagc	600
aattgtgactg	aggctgcctg	gaggagggag	agtccatgga	gtggggcccc	atcccctgga	660
gaggccagcc	tgagacttca	ggcacacagc	cggctgcgatg	acgactactc	ccgccgcgtc	720
tccaggagca	ctgagcagga	cagcaggcgg	ggcggggcgg	tcattgcatg	gaccactgca	780
acctgcaccg	tggcccccg	tttcgggtca	gccacctcta	agggggccca	cctagacgct	840
gactactg	tatttcctct	tgaaacaaa	agttcctggg	cgggtggaa	cgacagttcc	900
tgcacttgca	gctctttgcc	aagcccga	gtccaggatg	tgttgagcaa	agactcctgt	960

gacccaaacg	ctggcagcca	gttgacattt	gacctgagc	agcctccac	ccctctaagg	1020
cccaccacac	ccaagcccca	gagccctcag	agccccaga	gccccggggc	aggaagtgcc	1080
agctgtcaca	gcaatcacag	tgccctgtcc	gcgaattcag	aggaaagtga	aggaagggca	1140
gaagagcctg	ctcagagaga	gccagggcct	gtgtccttgc	aggatccct	ggaagccaca	1200
catggtatga	gggcagcaag	gaccttctgg	tgaacattgg	tgtggcagcc	ggcccagaag	1260
aaaaggagaa	ggaggaggta	agggcagcgg	cgaggtcct	catgtgggcg	accctcctgc	1320
gggaagggag	cttgccacag	tgttgccctt	ggccctaac	ctgtcaaggt	cagtggccct	1380
ctgctgacct	tgttgccctt	acagtattag	tgggaatggg	agttgtcaag	ttgctgttta	1440
ccaagttcag	aagtaatctc	tatctccttt	gaaataaatt	gacaatgtac	gagattcatt	1500
gagatg						1506

<210> 3123

<211> 2625

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2626)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (9)...(976)

<223> similar to gi466271 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3123

gctcgcaggg	cagtccgggtg	aagagctacg	actacctgct	caagttcctg	ctggtggggc	60
acacgactgt	gggcaagggc	gagatcctgg	agagcctgca	ggacggcgcg	gcagagtccc	120
cgtacgccta	cagtaacgat	tgacgtgag	aaggcgcgaa	ntgcttggtc	cctgaaaagc	180
tgccgcctac	cctggtctgg	agcccttgca	agctggcgta	gagcaggaag	gggttgcatc	240
acggctgagt	cctccctgc	gcanacaatg	ggatcgacta	caagaccacc	accatcctgc	300
tggacggcgg	gcgcgtgaag	ctggagctct	gggacacgtc	gggccagggc	cggttctgca	360
ccatcttcag	gtcctactcc	aggggcgctc	aggggatcct	cttggtgtat	gacatcacca	420
accgctggtc	ctttgacggc	atcgaccgct	ggatcaagga	gatcgatgag	catgcacccg	480
gagtcccccg	gatcttggtt	ggaaaccggc	tgacacctgg	cttcaagcgg	caggtcccga	540
cggagcaggc	ccgcgcgtac	gcagagaaga	actgcatgac	cttcttttag	gtcagcccc	600
tgtgcaactt	caacgtcatc	gagtccttca	cggagctatc	ccgcategtg	ctcatgcggc	660
acggcatgga	gaagatctgg	aggcccaacc	gagtgttcag	cctgcaggac	ctctgctgcc	720
gggccatcgt	ctcctgcacc	cccgctgcacc	tcacgcacaa	gcttccactg	cccgtcacca	780
tcaagagcca	cctcaagtcc	ttcttcgatg	ggccaacgcg	attggaacgc	ggtcatgatg	840
cacggctggt	cctactccat	ggccagcggg	gcccggggcg	gcggcagcaa	gggcaacagc	900
ctcaagaggt	ccaagtccat	ccgtccaccc	cagagccccc	cccagaactg	ctcgcggagt	960
aagtgaaga	tctcctagcg	gggacggggc	gggcgcgctg	tgcatatgcc	aggagggctc	1020
gagctggaca	ctcctggctg	gacgcaggc	cagtgccgcc	tacgtggaga	ctgtccacac	1080
agctgcctca	gaagcgccgg	gctttcctca	cacctgagcc	gggtgcgagg	aggagcatgc	1140
acggaccaag	cgcggcaggc	gggaggaggg	ggcgcggtcg	ggctgctggt	gcttccggga	1200
atcttggtct	gaaacaagcc	gggcctcccc	agctgcctgg	gcttgaccgg	cggggagcct	1260
ggttggcctt	tcttatttat	atagagaaca	cttcactttt	ttgtacattt	ttaaggggcc	1320

ttcagggaag	cctgggtgtg	gcccgggtgt	ggtgcactgg	tgacttcatg	gccacgccag	1380
ctgcggggac	gcacttgga	ctcctcgaga	ggggactcgc	ggccgcgatg	gcaaggcatc	1440
ctgtgaattc	atgcgctgcg	agtggcgggg	ctgcccagag	gccgggggag	cagacagggc	1500
cgggtgctccc	tctggaagct	tgggtgaccg	gggccctggc	tcccacggga	tggaggggtg	1560
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gtgatgtgac	accttcgggg	acattgacca	ctcaaaactc	agatcatctc	gcccaccctg	1740
gagagtgcag	agctatctgt	agacttagga	atacttgatg	ggcagcgggtg	cagaccccgg	1800
gcacctgcgt	gcagcctcct	gttctcggca	gcttctgtcg	ctggccctgg	ggtccccaca	1860
gctgcagctc	tctgtgagg	ttgcacggca	tcagaaccat	cctgaccttc	ttagggacgt	1920
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tctctcctga	agccattggc	cgctcctcca	cccagtgett	ctgccccatg	ctgccccagc	2100
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cccaggaccc	cccgtggtgg	actccgcggc	acatgcttcc	caagggtggtc	ccacggaggg	2280
tgttactggg	caccagtgga	ctcgccccat	ggcccgttcc	tgggagatga	gggccgtggc	2340
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aaagacactg	gcctcctgct	ccagcttccc	tgtcctggcc	ccacctgtcc	tgttgctgcc	2460
agcagggccc	ttgtttggga	ttatgaacaa	acctcacaga	ctttgaggac	ctggatggtc	2520
ctgcattcac	ggcatcaaca	ctaccgcgc	tgctgttaga	cactccgcca	ttcctgggtc	2580
tctccgaacc	gttctttgta	cagtaaagt	aattcagctg	tggtg		2625

<210> 3124

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (365)...(307)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3124

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acaattatga	aagactcggc	ttctgctgct	agcgccggag	ctgagttagt	tctgagaagg	120
tttccttggg	cgttccttgt	ccggcgccct	ctgctgccgc	ctccggagac	gcttcccgat	180
agatggctac	aggccgcgga	ggaggaggag	gtggagttgc	tgcccttcgc	gagtcgcgcc	240
cgtgaggaga	atgtcccaga	aatcctggat	agaaagcact	ttgaccaaga	gggaatgtgt	300
atatattata	ccaagttcca	aggacctca	cagatgcctt	ccaggatgtc	aaatttgtca	360
gcaactcgtc	agacgggggt	tactgtgtt	agccaggatg	gtctcgatct	cctgacctcg	420
tgatccaccc	gcctcggctt	cccaaagtgc	tgggattaca	ggcgtgagcc	accacgcccg	480
gccaatattt	tgtaatTTTT	agtagagatg	gggtttcact	atgttggcca	ggctagtctt	540
aaactcctgt	cctcgtgatc	ctcccacctc	ggcctcccaa	agtgctgaga	ttacagggtg	600
gagccactgc	atccagccaa	taatagctc	tttaacaaac	aatggatcaa	aggagaaatc	660
acaagggaaa	tagaaaaata	cttaaaaaatg	aatgaacatg	aaagaaaaca	taccaaactg	720
aagggaaaaca	gtgaaaacag	tgcaaacgag	gcaatttata	gctatacacc	attaaattta	780
aagataagaa	agacgtcaaa	ccaacaa				807

<210> 3125
 <211> 1337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1338)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (252)...(946)
 <223> similar to gil255433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3125

tttcgtggtg	actccagcgg	aggagctctg	ggacaccctt	gtctagggaa	gaggtcttac	60
tggctgccct	cacctgactt	tgtgtcccca	ggcccccagc	catggccctg	tccctgcctc	120
tgggccctag	acttggctca	gagccccctc	accaccacc	gggagcacct	agagaggcgg	180
acattgttgg	atgcaccgtc	tgccccgcgt	ccggagagga	gagcacgagc	ccagagcagg	240
cccagaccct	gggacaggac	tccttggggc	ctcctgagca	cttccagggt	gggccaaggg	300
gcaatgagcc	tgccgctcac	cccccgagat	ggtcaacacc	ctcttcctac	gaggaccag	360
ctgggggcaa	acactgtgag	cacccattt	ctggcctgga	ggtactagag	gctgagcaga	420
acagcctgca	cctgtgcctg	ctggggctgg	gccgccggct	gcaggacctg	gagcaaggcc	480
tggggcactg	ggcattggcc	cagagtggga	tggtgcagct	gcaggccctc	caggtggacc	540
tacgaggggc	agctgagcgt	gtggaggcgc	tgctagcgtt	tggtgagggg	ctggcacagc	600
ggagttagcc	cagggcctgg	gcagccctgg	agcagatcct	gcgggccctg	ggagcttacc	660
gagactccat	cttcggcgcg	ctctggcagc	tgaggcccca	gctggtcagc	tacagcctgg	720
tgttcgagga	ggccaacacg	ctggaccagg	acttgagggt	cgaggagagac	tcggactggc	780
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cggacactag	gagtgcctctg	tgagctgtgt	ggccacaggg	ggccccaggg	caggggacaa	960
ggccttgagg	tgagagcaga	cccccttgag	ggaccttctg	ccaggcacc	tggggacatc	1020
tctgcgccac	ttctagcaag	atcctgccct	tccaaggagg	tgctagtggc	tctgtctccc	1080
cctctatctc	tgtctctcgg	tgtctccttc	tatctcactg	tttctctctc	tcgtctgtct	1140
ctgtctacat	cctcaagccc	catctcaaat	tcactcctat	cctgaggccc	ccagatgatg	1200
ccccactcac	ctcctgactg	tcccagctctc	tcctgaagtg	ccacctcttc	agggaggcct	1260
gtcgtgacct	ccaaacatga	gcactcctat	cttcttactt	tatttcctaa	cagcactcac	1320
cacagcttga	ctttgta					1337

<210> 3126
 <211> 918
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (909)...(733)
 <223> similar to gil90510 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3126
 tttttttttt ttagaatata tttcatttta ttataaagca gtgctcccaa acttttcaca 60
 gcgtacacct cgagggtgga gaactaacat ccaagcacac ctggatggtg gatgggaccc 120
 acttctgggt aacctgatga ggaagctcta gtgaagaaat tcaggacgcg gtcttcagag 180
 cagagggtt ggttcaagtc cctgttctgc cacttactaa ctgcatgacc ttgagcaagc 240
 cacttaattt ctctgtctct tctctgtgaa atgggtacaa tgtggtcagc agtaaaggaa 300
 ctaatacatg tacagcactc agcaciaaagc ctggcacaca gcaggctctc accagggtgcc 360
 attctcagca caactgcttg gttgagctac tgtggcagtg gcagggttg ccccaagggg 420
 gtgggtcag gagcccgctg agcaagaggc agtgaccaag gaggcagggg acaatagccc 480
 tatcttttca ggactctctg cttggacctg gagaatggag agactttgct cctatcacgt 540
 cccaagtgtg gaaaactaag gacgaagccg gtgactgaca tctgaaatgg aatcctctgc 600
 atctccaagt ggccctatac ctgacaatat cattactagt gaaaaccaag tgacaaacac 660
 actcctcgac cccaagttct tccacatgtc ccattgagga gagcacagcc aataacgcag 720
 agtgtattta tgcgcagggc tggctaaaca ggctggctac gagtccgga cagtgtcagg 780
 atctggcttc ccattggccg acatgacaga atccttctcg cgttgctctc tgatgtactg 840
 gtccaacagg gtggtcagct ggaggggctg gtgctggagc agggagtggg tctgggctgt 900
 gaggcagggt gaggttctg 918

<210> 3127
 <211> 1373
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1353)...(1134)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3127
 ccaggggcat ttcgtggggt cggactggca gcagaatagt gtggtaatct gtgatgggct 60
 gggccagggt gttggggagt acaaggggcc aggcctgcat ggctgccagc cgggctccgt 120
 gtctgtggat aagaagggtt acatctttct gacccttoga gaagtcaaca aggtggtgat 180
 cctggaccgg aaggggtccc tccttgagga ctctctgaca gcctaccacg gcctggaaaa 240
 gccccgggtt accaccatgg tggatggcag gtacctggtc gtgtccctca gtaacggggac 300
 catccacatc tttcgggtcc gttctccgga cagttaaagg ggctaggact aggggtgagag 360
 ggagtgggga gggagagggc aggaaggagg cagagctgtc cgtgggaggt ggaggccgag 420
 gacattttcc tgaagggcag ggggtggcaa cttttcaaca tggagtgcc aactgctaac 480
 ccgtcttcta tgggtgtgaga atagggacca aggtggtggc gtgaccttaa ctctcagaag 540
 cagaggaggc aggtgggtgg agggggatgc tgggaattca cctgcctctt gctttttgtg 600
 ggtggctgct gccaccaccg ccgctgctat atagtttagg tttctgaggt ttgtgagcct 660

gtcctgcttt	gcattcttca	aaaccattcc	tgatagagta	gccgagggag	agtcttgggg	720
ccaagaaggg	cccaggggtg	gtcaggcggt	tgactgtgg	aacagagctg	agaccccggc	780
cccccttgg	ctggcacagg	gtcctacaga	gtcagaggag	gcctgagatt	tcgaatgggc	840
agtgaatggc	ctcttctgcc	agccacaggc	aggatgctcc	ttgatcacgg	catccccgg	900
cggtagtaca	gggtgagctt	gcaggagggt	ctgcaagtgc	agacagcagc	tggggccaaa	960
gaggtgttag	gttcaaaggc	tgcaagaga	ataggctact	ggaaaaccaa	acccaacaga	1020
attcacgtcc	aaaaatccac	attctccatc	gcttctcagc	cttttggcta	agattaagta	1080
ttaaaaaaaaa	accaggctct	gccaggcgca	gtggctcatg	cctataatcc	cggcactttg	1140
ggagtctgtg	gcaggaggat	tgcttgaggc	caggagtgtg	agaccagcct	gggcaacata	1200
gcgagacccc	atctctacaa	aagattaaaa	attagctgcg	tgtagtagca	tatgcctttc	1260
aacgtagcta	ctcaggaggc	tgagggtggg	ggatcccttg	agccgaggag	tttgagtctg	1320
cagttagcta	tgatcgacc	actgcattcc	agaccccatc	tcgaaaaaaaa	aaa	1373

<210> 3128

<211> 3869

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3871)...(791)

<223> similar to gi3327170 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3128

tttttttttt	ttctcattaa	caaagcagtc	aattcccttt	atttttaaaa	ttttatgtac	60
acatatgaat	gatctgtata	atgtacattc	aatatagaga	agctttatat	atgtgatagt	120
tgtagagaac	atttcagaat	gatactcatc	ttttacatga	catcttgaca	tccattttta	180
aatttgcttt	gcacaaagtc	cttgtcattc	aatttggtaa	aagccagtta	tacatactaa	240
tgtgtactgt	gagcctttca	gaagggttaa	tgattgaggg	atgccagtga	aggggtgcag	300
gggacaaaac	ctaataggtc	ttgggatggg	tgggggggga	gggatgggcc	acggcaggac	360
tttggtatgca	gggagagggg	gaaaatattc	tttccggggg	ggaaaagtga	cttagcccaa	420
tttttgttga	ctgtagctca	accctacagt	catgcctagt	tcaaaaaaaaa	aattccaaaa	480
ctaggaagaa	agttttgtct	ttttgattca	cagttttgta	aacagatata	aaggaacaaa	540
tgtgcttaca	tacaccaaga	aaaaaaaaat	tcttgtgtac	ccacttatgt	tgatccacag	600
agtgccttct	tataatgtga	tacaattagg	atcactgact	ttttttccta	aaaatatatt	660
tatagaaaaa	ggaataacac	tgatcatgaa	ccaggagaaa	ggcagtaaga	gtttgcttca	720
acgtatcagc	tggaggaatg	tggacttggc	actggccttt	cagcgtttat	tgtctctcgt	780
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tccagactga	agaacggcac	aggatttcat	tcacctgttc	tccatactgc	aaacttcgag	1020
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gcgggacctg	atctgccagc	tgagggtgtg	cgctgaagag	acacactggt	gccattgtca	1440
aggtttccag	agttttctca	tgaggattgt	tcttctctag	gagctcagtt	aatttttcta	1500

acagggcaat	aagaaattct	ctaggctttc	ttagaaccca	ggctggttgt	gcaataaaga	1560
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cgacttgatg	gcaatgaatg	tagaagagcc	aataaactgg	acaaaacca	ttgattcagc	2100
aatattgttg	acacagtctt	ggtttagatgt	cactatattc	acaacctctt	aaagccaacc	2160
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ccattttctac	tctcggttaag	cgatctccat	gttgctctga	ctccactttt	gccgcgtgtg	2340
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attcatatgc	thtattthact	thttcaaaaca	tgtccctccc	ttctggattc	thtatcagggt	3540
ggtaactthtg	tgcaagtctg	aagtaagctt	thctaactct	gctctcatca	tgcggtccct	3600
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thttctacttc	thttcttccag	gcattcaagg	tatctthttag	aagcttaacc	gggtctthtaa	3720
ttggccaatc	tggaaccggg	agtgtatcgc	acagttgttt	gaggtaataa	atattacaaa	3780
atagttcatt	thctgagttgt	ggatagttga	thtataggaat	ggggcaatac	tgataaagtg	3840
ctcttggtgt	actctgaaga	cgaggtgtg				3869

<210> 3129

<211> 545

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(545)

<223> similar to gil698455 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3129
cagaaacatg gctttaccag tatgaccctc aagacaaaat acaaaacaat ggctaccaag      60
aggtggaagt ggcccagtc cagcaagagc agattgatca agagcaaagg tcatggtaac      120
agtttttttg atcctcaagt ctttttgctt gttgactttt tggagggcca aataaagata      180
tcatctgctt attatgagag tgtttcgaga gaaatccaaa gcttagcaga gaaacgcctg      240
ggaaagcttc accagagggg cttccaccgt gacagttccc ctgcgcattc ctctcataaa      300
gcaagggcag tttagctaga atttctatca aaaatcatta ggtatccatc tcccagtcct      360
gatttggttc cttctgactt ctttttgttt cccaatctta aaaaaatccc tgaagggcac      420
ctgtttttct tcagctaata aaaaagacat ggtaattttc ccaggaccct cagttcttta      480
aggatagact gaatggctgg tatcattgct tgaacttaat ggagcttatg ttgggaaaca      540
aaaat
545

```

<210> 3130

<211> 1350

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1251)...(982)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3130
ttaaatttgt agattaattt gagaatttac atctgtagaa cattctagga acgtgctatc      60
tcatgtcatg ttttcatttc ttggtaatgt ctttcagaag agcttttagtg tttccatata      120
tagatcttat acatcttttg ttagataaaa gatctttgta tttttgttcc taaattcttc      180
atacatttgt attgccattg taaatgggat ctttcttcca ttttctaatt agttatttgt      240
ggtacatggg aaaagtattt gaggtttgtg tgctgatttc ttgattttgt agatagccac      300
tgtattgaat tctcattact tccagtaaaa tcttagttga ttctcttagg cttctttggc      360
taacattttt catttaatat gcaaataatg atagttttgt ctcttctttt ccaatacttc      420
tactctttcc ttcttttccc ttttcttttt tcttttcttt tcttttcttt ttttttccct      480
tctcagggcc ttgttgtcac ccaggctgga gagcaatggg gtgacctagc tcaactgtagc      540
atcaaactcc tgggcttagg ggatcctcct gcctcagctt cctgagtggc tgggactaca      600
ggcaggcagc taatttaaaa aatgtgtttg tagagacaag gtcttgctat gttgcccagg      660
ctagttttcc tgccacttca gaggaaggac tcagggttcc tttttctcct acttttaaga      720
gtttttatta ggaattatct gttgaatggt atctaaaaca gtcaataaaa tgtattaagt      780
accagctgca tgcaagaccc taagttagat acagtcagcc ctcttcatca gcagggtccac      840
atcttcagat tcaactagat aaggctgaat atttgaagaa agaaacaata aaaatacaat      900
tagaaagtac agtataacaa ctgttgatcat tatacaatat ctatacattt tattagtgat      960
gacctaaagt acatgggacc aggcacgggtg actcacactt gtaatcccaa cactttggga      1020
ggccaacctg ggcagcatag tgagaccttg tctttaataa aaataaaaat aaaaaaatta      1080
gccagtgtgg tggatgacac ctgtagtccc agctactcaa gaggctgagg tgggcagatc      1140
actggagccc aggaggttgc ggctgcagtg agctgtgatt gtgacactgc tctccagcct      1200
gagtgcagaa ggggtgatcc gtctctaagt aagtaataaa ataaagtata tggggggggg      1260
gtgttggtta tatgcagaca ctgcaccatt atacgtaagg gattgagcat ccacagattc      1320
tggtatgggt tgggggacgat atoctagaac
1350

```

<210> 3131
 <211> 1863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1864)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1660)...(416)
 <223> similar to gi699196 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3131

ttttttttgt	ttcctccagt	gtgatacttt	atttgttttt	ttgtgggaaa	cctctgggac	60
ctgccctgga	gagcctggca	actgcagggc	actgtggggc	tgggaggtgc	ctcagcacgt	120
ggggccaggg	gctggcatgc	accgcgctgc	acagatgagg	tcgggtggtga	ccaggcagag	180
gtgacaccag	ggacggtctc	cttgagctgc	aacaactggc	ccgaggctgg	ggaccccaca	240
tgggtgatttc	atcccaaaca	gttcttgatt	ctacgtgacc	tgatttgggg	ggttcaggtt	300
taaggagggc	caggtcttgg	acgggcccc	gtggttctcg	gtgtgaagg	gacgtctgct	360
gctccccacc	agaccgcag	tcccagtctg	ccgggtcatg	aggggtggaa	gtgcctgatg	420
agcgcttct	tgtcaatctt	gcccattctg	ttccgcggga	tctcctccac	cagcaccagc	480
tccgagggca	ccgcgtacgg	ggccaggaca	tttctggccc	actctttgag	ctccctgtgg	540
gacagtgagt	gtccttctcg	gagggtcacc	acagcagtga	cccgctggcc	ccatgtcata	600
tccggaactc	caatcacagc	cacatctgtg	atgctgggg	gggccagcag	gtgccactcc	660
acctccagg	cgctgacctt	gtagcctcca	gtcttgatga	tgtccactga	ggtccggcct	720
cggatccagt	actggccatc	cttaaaccac	acgggtgtccc	ctgtcttaaa	ccagccatcc	780
aggggtgaatg	cactcttagt	ttcttctgg	ttattccagt	attctcgaaa	cacggagggt	840
ccccccacca	gcagctcccc	ctccttttct	tcaaaccctg	gggtcacctt	ggtccccctc	900
tcgtctccct	ctgctgggat	ggtgtaggag	caggcttccc	tctgtggggt	ttctgagaca	960
atgcgcacct	gtactccagg	cagtgggggtc	cccacggaac	ctggcaggcg	catggcagtg	1020
gtcaggggccc	cggacagagc	catgccgatc	tcgggtcatgc	cataccgctc	cagcaggggtg	1080
tggcccggtga	tgttcttcca	cttctccagc	actgggaggg	gcagggcagc	tgagcctgag	1140
accatcagcc	taattttttc	ttcacaaaact	gcacgcaaga	aatcctgggc	gtgcggctgg	1200
gtaaaatgcc	tgtcgtagta	ctccatcagc	ttggtgtata	ttgtaggcac	tgccataaag	1260
acattgatcc	gcggcgtttc	agaacttaag	aacttttccc	aaacctgctg	agggtgaac	1320
tcaggcatca	tcacacaggt	ggctcccacc	cagagaggac	agagcagcgc	gttgaccaca	1380
ccatggacgt	ggtgcagcgg	gagcacgtgg	aggatcacgt	cgtctttggt	ccatgccac	1440
ttgtggacca	gcccggtcac	cacagccctg	atgttttggt	gcgtgctcag	cacgccttg	1500
ggcctccccg	tgggtccact	ggtgtagatg	atcatggcgc	ccttggtcct	ccatccctgc	1560
tctgggaccg	ggacctctgc	cggttcctct	actgctccag	tgtagatggc	tgggtgtgagc	1620
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tgcttctctgt	agaggggtac	tgccacaccg	ccgctcatcc	atgaggccct	ctgggccacg	1800
acgtaggagg	cgtgggttagc	tcataggaag	gaggaatgcc	nctcnnccag	gtaggctatc	1860
gag						1863


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<210> 3132
<211> 1122
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1091)
<223> similar to gi32015 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3132
ggccagagca gctgatacaca ggaaaggagg atgcagccaa caactatgcc cggggccact      60
acacggtggg caaggagagc attgacctgg tgctggaccg catacgggaag ctgacagatg      120
cttgctctgg cctgcagggc ttctgattt tccacagttt tgggtgggggc actggctccg      180
gcttcacttc tctgctgatg gaacgcctct ccctggatta tggcaagaaa tccaagctgg      240
agtttgccat ctaccagcc cccaggtct ctactgcagt ggtggagccc tacaactcca      300
tctgaccac ccacaccaca ctggaacatt cagattgtgc tttcatggtg gacaacgaag      360
ccatctatga catctgccgc aggaaccttg acattgagcg ccctacctat accaacctca      420
accgcctcat cagtcagatt gtgtcctcaa tctactgctt tctccgcttt gacggggccc      480
tcaatgtgga cctcactgag ttccagacca acctggtgcc ctacccccgc atccacttcc      540
cgctggtcac ctacgcgcc atcatctctg ccgagaaagc ctatcacgaa cagctctctg      600
tggccgagat aaccagctcc tgctttgagc ccaacagcca gatggtgaag tgcgaccgca      660
gacatggcaa gtacatggcc tgctgcatgc tctaccgggg cgacgtggtg cccaaggatg      720
tgaatgtcgc tattgctgcc atcaagacca agaggacctat ccagtttgta gactggtgtc      780
ccacaggctt caaggtgggc atcaactacc agcccccgac cgtggtcccc gggggagacc      840
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gggcccgcct cgaccacaag ttcgacctca tgtacgccaa gcgggccttt gtgcattggt      960
atgtgggaga ggggatggaa gaaggagaat tttcttgaag gccaggggaa gacttagctt     1020
gcccgtgaag aaggattatg aagaagtggg gactgattcg tttgaagaag aaaatgaagg     1080
ggaggaatth taaatatata ccttccccctt gaaaaaaaaa at                          1122

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```

<210> 3133
<211> 1850
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1338)...(1675)
<223> similar to gi1872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3133
tttttttttt ttctccgtac aagtatttta tttccattac aatagtgccg cgccaaaact 60
acagtagctc aaaacataat acaaaaaata gattcccagc tcccaacccc acgtccacgc 120
accacagag aagccagccc tatggctccc caggcctaag gggagggggtc tcaacttcatt 180
ttccttaaag ctctggagcg ggtagtggca gtggcagggg ctccaccccc tgctgggcct 240
gagccctctt ctcccccaac cccctgccgg ccccggcaga cctgagccat gagtggtggtc 300
tccattccct cgggctgcac ccccagccct aggacacctg cctctgtcca gggaggggggt 360
ccaagcccat ggtgctggtg ctgacactac aggaccacca ccctccacgc ggaaggcagg 420
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gcaaggggac tgcggctggc ttctgcttca gctacttctc gggttcctgt ctctctgca 540
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agacaccaca ggccagactg ggtggaggaa tcttcccctc acaatgtccc ctggctaaaa 960
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cagagctcct gggctcccgt ggaggttagc cctgcaggca ccggggaaat ggggctatgg 1140
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aggggctgtc tccttggggg ggagactggc ggctgcagcc tcagataagg cactagagga 1260
ctggactggt cctgggagcc aggccagcc atgtggtgga tgacgggtgt cagagagagg 1320
atgtgggtcc tgcgggaggt gacagctgtt tctcttttct tttttttggg acggagtctc 1380
cctctgtcac ccaggctgga gtgcagtggc gcaatctcag ctactgcaa cctctgcctc 1440
ctgagctcaa gagattctct tgccctagcc tcccagtaa ctgggattac aggtgcccac 1500
caccactccc ggctaatttt tgtaattttt tttagtagag atggggtttc accacgttgg 1560
ccaggctggt ctcaaactcc tgacctcagg tgatccgccc acctcaacct cccaaagtgc 1620
tgggattaca ggagtgagcc accgggcccc gcctgttttc tcttttctcc ttccctggg 1680
gaagagggtt ggccggacag accctggtgt gggctgggat gggggactgc tgcgtgctgg 1740
gaccaggacc tccatctgga atccactctc gataccctgc accagcttgg aggcagatca 1800
caaggtggca ggggtgtcct gtgccgtctg cttcctctcg ggcaggagga 1850

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<210> 3134

<211> 3458

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3459)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2)...(870)

<223> similar to gi2244815 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3134

ggtttacacg	tacctccgcc	tcacgtgga	ccaccatggg	actgcccagc	tccaggccct	60
gcgacagaag	gaagtagact	tctgcatctc	actgcttcgg	gaacgggtca	tggaatgtct	120
gatgattggg	cgggatctcg	taagactact	tcagaatggt	gctaggatac	cagaatttga	180
actgctttgg	aaagataatta	tccataatcc	tcaggccttg	agtcctcagt	tcacaggtat	240
cctacagctt	cttcagtcaa	gaacatcccc	aaaattccta	gcatgtcgtc	taacccccga	300
catggagact	aaactcctct	tcatgacatc	ccgggtgcga	tttgggtcaac	aaaagcgata	360
ccaagattgg	ttccagcgcc	agtacctgtc	aactccagat	agtcagtctc	tgcgctgtga	420
cctcattcgc	tacatctgtg	gggtagtcca	cccttctaata	gaagtactga	gttcagatat	480
cttgccccgg	tgggccatca	ttgggtggct	cctgacaacg	tgacagtcaa	atgtcgctgc	540
ctccaatgcc	aagctggctt	tgttttatga	ctggctgttc	tttagtccag	acaaggatag	600
cattatgaac	atagaaccag	ccatcctggt	catgcaccac	tccatgaagc	cccaccagc	660
catcactgcc	acactcctgg	acttcagtgt	cgcacatcatt	cccaacttct	atccaccatt	720
ggagggccac	gtgcggcagg	gtgtcttttc	ctccctcaac	cacattgtgg	agaaacgggt	780
cttggcggtg	aaaaagtatt	ggctctacct	cagactgctg	ggcatatgtc	ttcttggctc	840
ttagaggaat	ttctctcctg	ccatcgtatt	acaaagacac	ctagctcccc	tgtttgacaa	900
ccctaagttg	gataaggagc	tgcgggcaat	gctgagagag	aagtttctctg	agtctctgag	960
ctcacccctcc	ccacctgtgg	aagtcaaaat	tgaggagcca	gtttccatgg	agatggacaa	1020
ccatatgtcg	gataaggatg	agagttgcta	tgacaatgca	gaggcagcct	tcagtgaaga	1080
tgaagaggat	ctcaacagca	aaggaaagaa	gaggagttt	cgcttccacc	ctatcaagga	1140
gacagttgtg	gaggagccag	ttgatatac	cccttacctt	gaccagttgg	atgagtcctt	1200
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gcaggaaaatt	gtggacagg	tcctggagga	agactttgac	tcggagcagc	tgtctgtcct	1320
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gattactgag	gagtccttgg	aggagtctgt	aggaaagcct	ctgtacctaa	tatttaggaa	1440
cctatgtcag	atgcaggaag	acaacagcag	cttctctcta	cttctagacc	ttctctccga	1500
gctatatcag	aagcagccca	agattggcta	ccacctgtct	tactacctga	gggccagcaa	1560
agccgcgcga	gggaagatga	acctgtacga	gtcatttgcc	caggctaccc	agctgggcga	1620
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gctgctgaac	atgatcgtgg	ctgttattga	ctctgcacag	ctccaggagc	tggtctgcca	1800
cgtgatgatg	ggtaacctgg	ttatgtttcg	aaaagactca	gttctcaaca	tactcattca	1860
gagcctagac	tgggagacct	ttgagcagta	ttgtgcctgg	cagctctttc	tggcccacaa	1920
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ctggtgcatg	aaacatgacg	agctgctggc	cgagcacatc	aagtccctgc	tcatacaagaa	2160
caacagcctg	cctcgcaaga	gacagagcct	gaggagctct	agcagcaagc	tggcccagct	2220
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ctctgcagtg	ggctctgaca	gtgactgagg	ccctgcattc	cccatccac	ccccggctgg	2640
actgccctct	ccttcttggg	gattcaaagg	ttaatagagg	ctgaggagat	tgcaagggaa	2700
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gaccatagtg	gaagtccctca	gccccctggc	cccttccgca	atctcctccc	ccagtctccc	2940
aaagagccat	ttcaacagag	aagggaaatg	acaaaggggc	agctggccag	ataagctagg	3000
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acgtggtcag	ggtgtccatt	cctaatacatg	ggggnggggg	gggncccaa	agaatgccac	3180
cnaagcattc	agaaaggagt	ctgaaagggg	ggccacagcc	ccacgatggt	gtgcctggg	3240
aggcttaggt	tggctctgag	gttgggcacc	tcaatctaca	ccagagcccc	aggggagctc	3300
cagagggcaa	gttttcacag	aattgtcaaa	tgatcccat	tcttgagtc	tgtttttttt	3360
ttttgttttt	ttttgttttt	tttttggcag	agataatcgt	gttcttaaaa	ttgttttttt	3420

aaatgacaat aaaacaagcc agaatgtcaa aaaaaaaa

3458

<210> 3135
<211> 1610
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1611)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1610)...(418)
<223> similar to gi2854198 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3135
tttcaccatt gtgattttgt ttattttttc tattaaaaac aaaaagtcac acattcaaca 60
aggtgtgccg tgtgggtctc tcagccttgc cctcctgct cctctacgt gcctcaggcc 120
cccagccctg tggttccac ctgagctcta gaagcctgct ccctctgcag ggggtggtgg 180
tgtcttccca gccctgtccc atgtgtccct ccaccattt tcctgcattc tgtctgtcct 240
tttctcctt ggagcctggg ccagctcaag gtgggcacgg gggcccagac agtactctcc 300
agttctgggg ccccccgagt gaggagggaa cggaagtcg gtgccttggg ttcagctgat 360
ttggggggaa atgccttaat ttcactctcc tcccttctcc agcctcaggg gaggatctgg 420
aggatccact actgtcttta agatgcagag tggaggggag gtgggcaccc accctgcgat 480
tctccaccct tcccccttct ttctctctca ccactctctc agaccctct cctcctcctt 540
cctcttggn cccacaactg aggggaggct ggtgcccaag ctgtggcctg cagtctgtga 600
ggagggctgt cttgcctcac actcctcaca gctacttcc ccttccccgg ggctgagagg 660
gtgaaagtgt gtggggaagg agaggactgg ttctctgggt tctcaggggc caggaggagt 720
aacagaacca ggtctgtccc ccaccttact cggatggcct ccctgcccct ctgctggcac 780
agcctgggca aggggagaag gtgggtccctg cagaggggct ccaggctggg gagagcccc 840
ctgctgtcag gaccagattt tcccagccat ccagcatgct gcggggagaa ggggcagagg 900
ctcacctccc tcttggggcc ttttgttttg gatcctgggg atggtgagaa tggaggttct 960
agaaggggta aggccagaac ccagggatcc aggagtcggc tctcagctgg agcttccata 1020
ccttctgggc tccctttgct gaccaccagc ccaagggagc taagaccagg agggggctgg 1080
gcgctgtccc ttctctttcc caggagccct gccaggggct gtgggcctac aaggcttcca 1140
ggggatgcca tccagcctgt aggaaaccaa agatgggaag tggctcctag ggggctgtac 1200
tctctttcct cctcctcccc agtaccacat ataactttctc tcccttctatc tccaggggccc 1260
caccaatctg tttacatatt tattatccta tgggggcctg agcaggattg agggagccag 1320
gggaggggca ggagtcccag caccatcggt tcatagtggg cttgtgtgtt tgttttagat 1380
cctcctggga gatggggatg gggccaggct cagtgtacta ggccctctctg tgcctgagccc 1440
caggctcccc gccccttacc cactctttcc ctgtggtctg tctggttctc atgtaaacc 1500
actccttget ttgtctccct ggatatggat ttcagttaag tattttgtaa ccggttacac 1560
tgtgtgtcct tgtgtaaata aacttgtttc tggcagtgcc aaaaaaaaaa 1610

<210> 3136
 <211> 2208
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1274)...(173)
 <223> similar to gi3395416 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3136
 caaacgctga gtgactcggg gccggacagt tcataaataa ttgattcctt tccccactaa 60
 agcagtcgag gagatttgta atccactttt tagtgcaaca agagctccat gttatgcttg 120
 taataaatta tttacacggg agctgggctg gtgtgcagtg gcaggtcccg tcagaagaga 180
 tgaggctcct gggacaggtc agcgtcaggg gcagcctgct gtctgctctg gagggcggcg 240
 ctcacctctg ggtcgcagtc cccacgatca gccagcagct gtgagagagg agcaggtcct 300
 cagcccatgc cggccactag gcctcagacc acaggggagg ggctctggca gaaatagtcg 360
 agttgtattg ccagccaggc aggcacatgg cccaggcagc tgtcaattct catgtcccc 420
 acgtggccca aggtgggcat cttgacgtta cctctgccac gtgtgagaag ctctttttcg 480
 ggcaccgagg tattaactgc agcagaaaaa gacgagcttt tgttatcagt tccacggggg 540
 tgccctagag agaaaacagg caaactcaca ggtagaaga catacagaaa cagggtggtg 600
 gtgtccccc tagtctgcat gctgtgccgg aacattcttt ggcagaagga gcctccggct 660
 ggggggagct cccctggagg tgggactggc ccttgccact gcctgaccct tgagctccag 720
 gctcctgcc gctggagggt aaactgtgct tgtatcccca gccacgaaga gctggaccag 780
 cttcaagtac atgtccacag caacatgcag gaaggcctct tccctgatgg ccgctcttc 840
 atggaagtag gagagaagac tagaggtaaa gacatagtga caaatggcta cagactgctg 900
 gaaaggtagc aggtgatgcc aagggatact gctcatctgt ggagcagagg cacagacaac 960
 ccttcccac tggcgggacc cagagggtgt gagatggggg tctgggaaac actgcccagc 1020
 cctgaccagc cctgtgggtg gaggtacctg taaaaagcga aaggcagcag cctggtgtgc 1080
 tgatccgggg ccacacggag gaggagccgc cccagcctga ggtctgcaac accaagaagt 1140
 ggctcaggca actctggaca tctctgccta ttatcagtc tggggacacc cctgggggtc 1200
 gggacgtgta cctctggagg cctggctgtg gggatagtgt ggggccaaca gcctgagctg 1260
 aggataccca ggtacctgtc agcagctggg agaggatggg ggggtcgacc tcttgaggga 1320
 ggggtgggtgt ggtgcagaga gaggcagtc ccattgatagg ccatttggtc ctgggggtga 1380
 ccagtgaacc agtaaatat cttattgctt taaaacaagt tgtgcttaat ctgtcccaac 1440
 taaaatggag cttataaact tacttagcaa ggaacctcaa ggagggtcgt ttcttaacca 1500
 tttgcaagtt gcctctgaaa agagcggccc tccgcatttg tgccctcagca gcgtgtttct 1560
 taccactctc tgtcaactga aagagtgcc gccaggatat cttcctcttc tctaaacact 1620
 cgaggattgc tgcacaaacg tggaaagcct ttggcaggtc tgtggtgctc tgtaaaccgc 1680
 aggagaccaa ccctgagaat ggccgacctg gtgctcccat gggtaggagg gtacagccct 1740
 cagcacagaa gagggcattt cctctttgct tattgtaagt cttaaaactg gtgacagttt 1800
 tacctataga aggtaatact gggcctctgg acagaagagg ctcaggtagg aggccaggga 1860
 ctctgagcac ccacaccaag gctgctgcac cagctcctca aataagacat taaaagaaag 1920
 gccacaggc cggatgcagt ggctcatgcc tgtaatccca acactttggg aggccgaggt 1980
 cggcgatca ctgaggccag ttcaagacca gcctggcaat atggtgaaac cccgtctcta 2040
 ctaaaaatac aaaaattagc cgggtgtgac agactcacgc ctgtaatccc agctactcgg 2100
 gaggtgatg caggagaatt gcttgaacc caggaggtga ggttgcaagt agctgagatc 2160
 acaccactgc actccagcct gggtgacaga gtgagacccc catctcaa 2208

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<210> 3137
<211> 2668
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2643)...(1592)
<223> similar to gi3924708 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3137
ttccatttaa ggagctttct gcatccactt tatttagcca gagagggaag gggttgacat      60
aaacgaaaaa gtggatcaaa tagtcaagaa catgatgggc gcggcaatga actgaaccac      120
ttttgctaag tgacagaaaa atattctaatt attttacaac tctatggaag      180
taatgcagtg atgcacattg catctgtttt gtcttgatga caaaacgcac tcttagagtc      240
acaagatcct gccttggtgt agttataaac aaaaatatat ttatatatat atattttatgt      300
aactactatg tgctttaaaag aaaattactg tatgattcag cagggttttt tcattctttc      360
tatcgccatg ctgacgtgaa tggcttctta gacaggaatc agcaatgaaa tgggtgttta      420
gtactgaaaa ggcataaaaat taaaaataat catatgttta aaatccctta acatttttgt      480
ttcaaaaatg attaaaggaac tcttcatact gtttcctttt gtttccatca gccagagca      540
actgtgggtt catgggactt aacagttggg gattggaggt aaggcttcca taaagcataa      600
atcagatgtt ttcagtctga ggcaggaaaa cagaaagccc cgtttgccac cccctcttcc      660
caaatcctta gctaattgtt cggaaatttt gtcacagctc atagaaaggt cattcattac      720
aaaggaagag gcagacatgg tttgaacctc ctgtacggat aaaaagattc gttctgtaaa      780
gtgatgaact tgttggtaca gatggatcta gaccagaaaa acaacatcct ttgcccacac      840
atctgttttg aaaatgtaga aaatctctta ttttgtgttt gtctcactc ttgcatgggc      900
tgtttttctt agcaatcttg agacattcat cattgctctt ttgagtgaag ggggttcaggc      960
tttggaanaa agttatcttt gagacatcag agaacatttg aaccaaaggt gtcgatccct      1020
catgaactaa agctttatta tgattttttt tttctgatcc ctttgcaacc ctgcacctaa      1080
gccaaaagca ttataacttt gtcatacttc agataagtc acgggagatg ttccgagtga      1140
actatagatg acattccact agggaaattct atgttcagtg taaatggtat cttgtataag      1200
ttttagtttt ttgtttaccc tttgtttcct gggctgagct tgtccagaaa tcttgtcttc      1260
ttcaggctac agcagcttag agcttgtttg tgtgtgtgtt tgtttgtttg tcttaaaggt      1320
ataggcaaaa ttttagtctt aacacctgta aaccagtact ggtgtgtgtc tgtcctagaa      1380
attttagcac tgctctgata caataaagcc ttctttctct ccaactggtt caacttcagc      1440
ataggcagga tgtccagagc ctcttctaaa ctctcatgca ggccatctgc ttgggcgtct      1500
ctcaataaag aagatgctgg ctgctgatgt tgggtggtga tacatataga ctgtcacaag      1560
aatggctgtg gctacaatga ggaccaggat gaggattcca acgatgaggc cagcgtggag      1620
ggttccccct ttcttctcag ctgcactgtc atctgtagaa gctccattat ctttttagatg      1680
tagtgctatc ttggtatcat cttctgtagg gaggctggtg ggaaactgag aagtcactgc      1740
tcttctggtg gtagtttaga ccctgaactg ggtggtgtgc gctcctatgg ttgtggtggt      1800
tcgagaagaa gtttccactg gttctgtatt ctccacatc ttctcttttg actcttcagg      1860
gcatccactg tccaccagat cctgcccgat acgatcaaat ccaactggaac atctttgaag      1920
tttactacac caactgcagt tgaagccaat ctgagaagat acacaggggc cacatctgtt      1980
aaactggagg catgtgggta atggggatcat ctccacagcc gaaatgttgg taatttttga      2040
catttgtagc tctactcggg ggtattcata aattgttctt ctctgaacat tgggaatttg      2100
ttggatcctg tggacaacga caaatgcac ggacagtcog actttcactg gatgattggt      2160
tgaacttata tgtgtgacca agacaggaat ttctttgtat ccaaagatga ttctgcatc      2220
catgagcagg gttgcctgga atgtgaagct tcccagggtta taattatcct ggagatgtac      2280
atggtccac tgaccacaa gtgctgtgcc attatcaaaa tatctgacag ttgaatttct      2340
ggatacactg ggatcgaaat ttgccattaa aggtgctatg tactgtgtgg ctgtagcat      2400
tcgatgtacg acttctccag tgtatatgaa acccccggtt gccacagtga tttcacgtag      2460

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gaagtggcca	taaaatggaa	aatcgaagga	cagattcact	cttgcagctt	gccgatgagt	2520
attggacaat	attccatgaa	tcttcacttt	atctttttcc	atttggctta	tgttcaccca	2580
taaatcccgg	ctggcagaat	cagatggacc	atatattcga	gatatatagt	aattgtggtc	2640
tgtacggacg	cgtgggcgga	cgcgtggg				2668

<210> 3138
 <211> 655
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (650)...(326)
 <223> similar to gi339776 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3138						
gtggaggaac	tcatactgtc	ttataactca	gtatttttaa	ccgataaacac	tgattgcata	60
aacaaacaag	caaacaaaat	gaaaacttat	gcaaattgta	actttgtttc	cctgcttttt	120
aactctttgt	tgtttctctt	tatatcttac	tgtaccatgt	cttgaaaagt	tgttgtagct	180
actatttttg	gttggttcat	cattttgtct	ttccacttaa	gagtagttta	cacaccacaa	240
ttacagtgtt	ataatattct	gtgtactttc	tattactggg	gaattttgta	ccttcagacg	300
atatcttact	gctcattaat	gtcttctttt	agatggaaat	aaagtattta	gtatttcttg	360
tcagacaggt	ctggtgttga	tgaaatccct	cagcttttgt	ctgggaaagt	atttctcctt	420
cgtgtttgaa	ggatattttt	gctggatgta	ctattctagg	gtaaaagt	tcttccttca	480
gcacttgaaa	catgtcatga	cactctctcc	tgacctgtaa	ggattctagt	gacaagtcta	540
ctgccagata	tattggaacc	ccattatatg	ttatttggtt	cttttctctt	gctgctttta	600
gggtcctttc	tttatecttg	atgtttggca	gtttgattat	taaatgcctt	gagat	655

<210> 3139
 <211> 1549
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1549)...(1173)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3139						
ccaggccctt	gccccgtgca	ctccctgagg	tcacagggcc	ctgcccagcc	gcccactgtg	60
cctcgtggcc	atggcctgct	cctggcccta	gtctgacttg	tcctgcccc	caaccctctc	120

cccagctcag	ctcccactgg	acacccttca	cggttcccaa	ggccagccag	ctgcagcagt	180
gacgcctgga	aggacatctg	gtggtcctta	ggggagtggc	ccctcctgag	ccctgcgagc	240
agcgtccttt	tcctcttccc	tcaggcagcg	gctgtgtgaa	ccgctggctg	ctgttgtgcc	300
tcattctctgg	gcacattgcc	tgttccccc	cagcgccggc	ttctctctc	agagcgccctg	360
tcactccatc	ccgggcaggg	agggaccgtc	agctcacaag	gccctctttg	tttctgtctc	420
ccagacataa	gcccgaaggg	ccctgcacc	caagggaccc	tgtccctcgg	tggcctcccc	480
aggccccctgg	acacgacagt	tctcctcagg	caggtgggct	ttgtggctct	cgccgccccct	540
ggccacatcg	ccctctctc	ttacacctgg	tgaccttcga	atgtttcaga	gcgcagggcc	600
gttctccctc	gtgtcctctg	gacccacccg	cccttctctg	ccctgtttgc	gcagggacat	660
caccacatg	cccagctct	cggaccctgc	agctctgtgt	cccaggccac	agcaaaggtc	720
tgttgaaccc	ctccctccat	tcccagttat	ctgggtcctc	tggattcttc	tgtttcttga	780
atcaggctct	gctttccccc	tagccactac	aggcagcctc	tgacagggcc	gctttacttg	840
cattctgcag	caattacatg	tgtccttttg	atccttgccc	aacttccccct	ccctctccca	900
gctcctggcc	cctggcccag	ggccccctct	gctgttttta	cctctgttcc	ttggggccta	960
gtacccagca	agcaccctaa	tgggggaggt	tttgggatga	gaggaggaaa	cgtgtatacc	1020
tgtaacatct	ggtggtctct	cccccagaag	tttgtgttca	tacataattg	ttttccacgc	1080
tggatcataa	tgtgacgtgc	agttctgccc	tgtgctgggg	agccacatga	agcttccccct	1140
ggctaacttg	ctaccccgc	gcaatcccag	tgtggctgtc	tgcttgctaa	aaaatggatc	1200
tgtgctcatc	tgtattgatg	tccttggagt	tctacaagtg	gaacttaagt	gtcaaaaaga	1260
atatgtggtt	tttagctgag	cgtggtggct	cacacctgta	atcccaggac	tttgggaggc	1320
tgaggcagga	ggattacaag	gtcaggagtt	cgggactagc	ctgtccaaca	tggtgaaacc	1380
ctgtctttac	taaaaaatgca	aaaattattc	tgggtgtggt	ggcgggcac	tgtaatccca	1440
gctatttggg	aggctgaggc	aggagaatcg	tttgaacccg	ggaggcggag	gttgtagtga	1500
gctgagatct	caacactgca	ctacagcctg	ggcgacagag	caagactcc		1549

<210> 3140

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (44)...(629)

<223> similar to gi470322 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3140

cccaaccgga	aaaagggttaa	caccctgtaa	atacacaatc	tctcctccat	ttcaccatcc	60
tcctgttttag	accatcccca	ctgccctatc	tataccacca	ccctgtctac	accagcacca	120
ctaccccatg	tataccacca	ccccgtctac	ataatccacc	cgtgtacacc	acaatgttcc	180
ctttgtctgc	accgtcctcc	tgtctacact	ggcaccactg	ccccagctat	accaccaccc	240
cgtctacata	atccaccggt	gtacaccaca	atgtccccct	cgtctgcacc	gtcctcctgt	300
ctacactggc	accactgccc	catctatacc	accacccgtc	tatacaatcc	acccatctgt	360
ctacaccatc	gcctctctc	tgtctacacc	atccttctgt	caacaccggc	accactgccg	420
tatctatata	caccatcta	caccatcacc	tcccctgtgt	ctacaccatc	ctcccatcca	480

caccagcacc	accaccccac	ctacaccatc	ccaccatcta	cgccattgcc	aaatctacac	540
agacgacctc	actcccatcc	acgccttcac	acgcacaccc	gtccacacca	ccatctcccc	600
cgtgtccgca	cgggcgcccc	gtcccatcgg	cccgagaaca	gcgacggtgg	ctttgtccca	660
cgcgtcgggt	ctggccccgn	gtgcccaggg	agctcagggg	ccgtgtagcc	cggtgtgcgg	720
ccct						725

```

<210> 3141
<211> 1834
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (161)...(440)
<223> similar to gil742787 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3141						
ttgcagtgag	ccaagatcac	accactgcac	ttcagcctgg	gcgacagggc	aagactgtct	60
cggaaaaata	aaagaaagaa	gatgctgata	tgctacaaca	cggatgaacc	tggaggacgt	120
ggtgcagtga	aataagctgg	tcacagagag	acaaatcctg	ggtgatccca	cttacatgag	180
acaggccgac	ggtcgcaagg	tcctacggtc	aagcatccgg	gagtttctat	gcagcgaagc	240
catgttccac	ctgggagtc	ccaccacacg	ggccggcgcc	tgctgcacgt	ccgagtccac	300
ggtggtgcgc	gacgtgttct	atgatggttt	ggatcctttg	agatttttaa	gtctgcagat	360
gagcacacag	ggcgtgcagg	ccccagcgtg	gggaggaacg	acattcgagt	gcagctgctc	420
gactatgtca	tcagctcctt	ttaccccag	atccaggctg	ctcatgccag	cgacagcgtg	480
cagagaaatg	ctgccttctt	ccgggaggtg	acgcggcgca	cggcgcggtg	ggtggccgag	540
tggcagtgtg	tgggcttctg	ccacggcgtg	ctcaacaccg	acaacatgag	catcctgggg	600
ctcaccatcg	actacggggc	ctttggcttc	ctggacaggt	acgaccccg	ccacgtgtgc	660
aatgcctccg	acaacaccgg	ccgctacg	tacagcaagc	agcccaggtg	gtgcaggtgg	720
aacctgcgga	agctggccga	ggcctgcag	ccggaactgc	ccctggagct	gggggaggcc	780
atcctggccg	aggagtttga	cgccgagttc	caaaggcact	acctgcagaa	gatgcgcagg	840
aagctgggcc	tcgtgcaggt	ggagctggag	gaagacgggg	cgctggtgtc	caagctcctg	900
gagaccatgc	atctgaccgg	tgccgacttc	acaaacacct	tctacttgct	gagctccttc	960
ccagtggagc	tagagtcgcc	aggcctggcg	gaattcctgg	ccaggctgat	ggagcagtgt	1020
gcctccctgg	aggagctgag	gctggccttc	cggccccaga	tggatccccg	gcagctatcc	1080
atgatgctga	tgctggcgca	gtcaaaccgg	cagctgttcg	cgcttatggg	cacccgggca	1140
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gcagagctgc	agagcaggaa	ccagggccac	tgggctgact	ggctacaggc	gtacagagcc	1260
cggctggaca	aggacctgga	aggcgtggg	gacgctgccg	cctggcaggc	tgagcacgtg	1320
cgcgtgatgc	acgccaacaa	cccgaagtac	gtgctgagga	actacatcgc	gcagaatgcc	1380
atcgaggctg	cctgagcgcg	ggacttctca	gaggtgcggc	gggtgctgaa	actactggag	1440
accccttacc	actcgagggc	gggggcccgc	acagacggcg	aggccacgga	agccgacggg	1500
gcgacggcca	ggcagcgctc	ctacagcagt	aagccccgcg	tctgggcagc	agaactgtgc	1560
gtgacatgat	cttcgtaacg	acctcggcac	gatccacacc	cctggagtct	cccaggcccc	1620
ccatgtgctg	ctgagtggcc	aagatgatgc	caggctgccc	tatacactgg	gggattctgc	1680
cctggcccat	gcacaccgct	ctttccatga	tggcagagac	atccagtcag	gacctgaccc	1740
gtctctgtct	gaggccggct	cagcagtgca	gcctggtccc	tgggggctgg	acccaggctc	1800
ctaaataaac	cagcaactcc	ctcgaaaaaa	aaaa			1834

<210> 3142
 <211> 3263
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3266)
 <223> similar to gi4731861 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3142

atggacttgt	acagcacccc	ggccgctgcg	ctggacaggt	tcgtggccag	aaggctgcag	60
ccgcggaagg	agttcgtaga	gaaggcgcg	cgctcataga	ggccgcctgg	ccgctgctct	120
gagggagcgc	gggggcccgc	tcgggtgctgc	tgccccgcgg	gtgctgaaaa	ctgtcaagg	180
aggctcctcg	ggccggggca	cagctctcaa	gggtggctgc	gattctgaac	ttgtcatctt	240
cctcgactgc	ttcaagagct	atgtggacca	gagggcccgc	cgtgcagaga	tcctcagtga	300
gatgcgggca	tcgctggaat	cctggtggca	gaacccagtc	cctggtctga	gactcacgtt	360
tcctgagcag	agcgtgcctg	gggcccctga	gttccgcctg	acatccgtag	atcttgagga	420
ctggatggat	gttagcctgg	tgccctgcctt	caatgtcctg	ggtcaggccg	gctccggcgt	480
caaacccaag	ccacaagtct	actctaccct	cctcaacagt	ggctgccaag	ggggcgagca	540
tgcggcctgc	ttcacagagc	tgcgaggaa	ctttgtgaac	attcgcccag	ccaagttgaa	600
gaacctaatc	ttgctgggtga	agcactggta	ccaccagggtg	tgccctacagg	ggttggtgaa	660
ggagacgtcg	ccccgggtct	atgccctgga	attgctgacc	atcttcgcct	gggagcaggg	720
ctgtaagaag	gatgctttca	gcctaggcga	aggcctccga	actgtcctgg	gcctgatcca	780
acagcatcag	cacctgtgtg	ttttctggac	tgtcaactat	ggcttcgagg	accctgcagt	840
tgggcagttc	ttgcagcggc	acgttaagag	acccaggcct	gtgatcctgg	acccagctga	900
ccccacatgg	gacctgggga	atggggcagc	ctggcactgg	gatttgcatg	cccaggaggc	960
agcatcctgc	tatgaccacc	catgctttct	gagggggatg	ggggaccag	tgcatctctg	1020
gaaggggccc	ggccttccac	gtgctggatg	ctcagggttg	ggccacccca	tccagctaga	1080
ccctaaccag	aagaccctcg	aaaaacagca	agagcctcaa	tgctgtgtac	ccaagagcag	1140
ggagcaaacc	tcctcatgc	ccagctcctg	gccccactgg	ggcagccagc	atcgccccct	1200
ctgtgccggg	aatggccttg	gacctgtctc	agatccccac	caaggagctg	gaccgcttca	1260
tccaggacca	cctgaagccg	agccccagct	tccaggagca	ggtgaaaaag	gccatcgaca	1320
tcattcttgc	ctgcctccat	gagaactgtg	ttcacaaggc	ctcaagagtc	agtaaagggg	1380
gctcatttgg	ccggggcaca	gacctaaagg	atggctgtga	tgttgaactc	atcatcttcc	1440
tcaactgctt	cacggactac	aaggaccagg	ggccccgcgg	cgcagagatc	cttgatgaga	1500
tgcgagcgca	gctagaatcc	tggtggcagg	accagggtgcc	cagcctgagc	cttcagtttc	1560
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acctgattct	gctgggtgaag	cactggtacc	gccaggttgc	ggctcagaac	aaaggaaaag	1860
gaccagcccc	tgccctctctg	ccccagcct	atgccctgga	gctcctcacc	atctttgcct	1920
gggagcaggg	ctgcaggcag	gattgtttca	acatggccca	aggcttcggg	acggtgctgg	1980
ggctcgtgca	acagcatcag	cagctctgtg	tctactggac	ggtcaactat	agcactgagg	2040
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accccgctga	tcccacctgg	aacgtgggccc	acggtagctg	ggagctgttg	gcccaggaag	2160
cagcagcgct	ggggatgcag	gcctgctttc	tgagtagaga	cgggacatct	gtgcagccct	2220
gggatgtgat	gccagccctc	ctttacccaa	ccccagctgg	ggaccttgac	aagttcatca	2280

gtgaatttct	ccagcccaac	cgccagttcc	tggcccaggt	gaacaaggcc	gttgatacca	2340
tctgttcatt	tttgaaggaa	aactgcttcc	ggaattctcc	catcaaagt	atcaagggtg	2400
tcaagggtag	ctcttcagcc	aaaggcacag	ctctgcgagg	ccgctcagat	gccgacctcg	2460
tgggtgttct	cagctgcttc	agccagttca	ctgagcaggg	caacaagcgg	gccgagatca	2520
tctccgagat	ccgagcccag	ttggaggcat	gtcaacagga	gcggcagttc	gaggtcaagt	2580
ttgaagtctc	caaattgggag	aatccccgcg	tgctgagctt	ctcactgaca	tcccagacga	2640
tgctggacca	gagtgtggac	tttgatgtgc	tgccagcctt	tgacgcccta	ggccagctgg	2700
tctctggctc	caggcccagc	tctcaagtct	acgtcgacct	catccacagc	tacagcaatg	2760
cgggcgagta	ctccacctgc	ttcacagagc	tacaacggga	cttcatcatc	tctcgcccta	2820
ccaagctgaa	gagcctgata	cggctggtga	agcactggta	ccagcagtg	accaagatct	2880
ccaaggggag	aggctcccta	ccccacagc	acgggctgga	actcctgact	gtgtatgcct	2940
gggagcaggg	cgggaaggac	tcccagttca	acatggctga	gggcttcgcg	acggctcctg	3000
agctggtcac	ccagtaccgc	cagctctgta	tctactggac	catcaactac	aacgccaagg	3060
acaagactgt	tggagacttc	ctgaaacagc	agcttcagaa	gcccaggcct	atcatcctgg	3120
atccggctga	cccgcacagg	aacctgggac	acaatggccg	ctgggacctg	ctggccaagg	3180
aagctgcagc	ctgcacatct	gccctgtgct	gcatgggacg	gaatggcatc	cccatccagc	3240
catggccagt	gaaggctgct	gtg				3263

<210> 3143

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (729)...(38)

<223> similar to gil80715 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3143

ggggaggcag	gaggaggcta	cagacggtct	caagagggag	gcccagccag	tcccgcggcc	60
cctgacaccc	catcagggcg	ctcaggccca	gcagctccgg	ggaggacgcc	ggcgaggacc	120
ccaccacgtt	tgtgcccac	cctctgccc	gtgacccccg	tctcttgccc	actgtgacca	180
acgcatacct	gggcacacga	gtgtttcacg	acacgctgca	cgtgagcggc	gtgtacaatg	240
gggctggcgg	ggacacgcac	cgggccatgc	tgcccacccc	cctcaacgtc	cggctggaag	300
cccctgcagg	gatgggggag	caactgaccg	agacctttcc	cctggacacc	aacacaggct	360
tctttcttca	cacctggag	ggcccccgct	tccgggcctc	ccagtgcatt	tatgcgcata	420
gcacgtgcc	ccacgtgctg	gctttccag	tgtccatcgc	ccgcctggcc	ccggggagcg	480
ggcccatcac	gctgctcctg	cggtcagcct	tctccccaga	aagcccagac	ctggacctgc	540
atcagggtec	tgacttccag	ggagcccgg	acctgtatgg	ccacaccctc	accctgagc	600
agccccgggg	gccacagcaa	gaggtacaca	tgtgtgggac	accagcacc	ccagacctga	660
cccttgggga	agctgcgcca	ggccctgcgt	ggctcacact	aaactacctg	ctcagtcccc	720
tgccccggcg	cgcggccg					738

<210> 3144

<211> 1879

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(979)
<223> similar to gi3319425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3144

cccgcgctgc	aggaattcgg	cacgagtggc	agcgggtggag	gcggcagcac	aggaggagga	60
ggaggaacag	caggaggagg	aactcaaagt	actgctggcc	ctggagggat	atctcagcac	120
ctgacttaca	catcttacat	cctcaagcaa	actccccagg	gcacattttt	agttggccag	180
ccatcacccc	agacttctgg	aaaacaactc	accactgggt	cagtgggtcca	aggaacactg	240
ggagtcagca	catcttctgc	acaaggacaa	caaacgctaa	aagtcatctc	tggacagaaa	300
accacattgt	ttacacaggc	agcccatgga	ggacaggcat	ctctaataaa	aatatccgat	360
agcaccttga	agactgtgcc	agccacctca	cagctctcga	agcctggaac	cacaatgctg	420
agagtagcag	gaggggttat	cacaactgcc	acttccccctg	ccgtggccct	ctcagcaaac	480
ggtcctgcac	aacagtctga	aggaatggct	cccgtgtctt	catctacggg	cagttctgta	540
acgaaaactt	ctgggcagca	gcaagtgtgt	gtgagccagg	ccaccgtggg	aacctgcaag	600
gctgccaccc	ccaccgtcgt	cagcgccacg	tccctcgtgc	ctacacccaa	ccccatctct	660
gggaaagcca	cagtatccgg	actgttaaag	attcactcca	gtcagtccag	tccgcagcag	720
gccgtcctga	cgattcccag	ccagctcaaa	ccactcagcg	taaacacatc	tggaggggtg	780
cagacgatcc	tgatgctgtg	gaataaagtg	gttcagtcac	tttctaccag	caagccacct	840
gccattctgc	ctgtagctgc	cccaactcca	gttgtcccca	gctctgctcc	agcagctgtt	900
gcaaaaagtga	agactgaacc	agaaacacct	ggaccgagtt	gcctctctca	ggaggggtcag	960
acagcagtga	aaacagaaga	aagttctgag	ctgggaaaact	atgtcattaa	gatagaccat	1020
ttagaaaacta	tccagcaact	cctaactgca	gtagtaaaga	agattccatt	aatcactgca	1080
aaaagtgaag	atgccagctg	cttttctgca	aagtctgtgg	agcagtacta	tggctggaac	1140
attggaaaaa	ggagagccgc	tgagcggcta	agagcaatga	caatgcgaaa	agtcttacaa	1200
gaaatcctgg	agaagaatcc	gagatttcac	cacctgactc	ccctcaaaac	caagcacatc	1260
gctcactggg	gccgctgtca	tggctacacc	ccaccggacc	ctgagagcct	gaggaatgac	1320
ggggactcca	tgcaggacgt	gctgacccag	atcgacagcg	agcccagagt	cccatcatca	1380
ttctcctctg	ctgacaacct	ctgccgcaaa	ctggaggacc	tgcaacagtt	ccagaaaagg	1440
gaacccgaga	atgaggagga	ggtggacatc	ctcagcctct	ccgagccagt	gaagataaac	1500
atcaagaagg	agcaggaaga	gaaacaagag	gaagtcaagt	tctacctgcc	accaacccca	1560
gggtctgaat	ttattgggga	tgtcacacag	aagattggga	tcacctgca	gcccgtggca	1620
ctccacagga	acgtgtatgc	gtccgtgggt	gaggacatga	tcctgaaggc	tacagaacag	1680
ctggtgaatg	atatactgag	acaggccttg	gcagttggat	accagacagc	ttctcacaac	1740
aggattccca	aagaaattac	agtgagtaat	attcaccagg	ccatttgcaa	cattcctttt	1800
ctggactctt	ttaccatcaa	acacatggga	atatcttatg	agtgccattg	agcggacttg	1860
ggtgcctctg	ataaccacg					1879

<210> 3145
<211> 900
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (899)...(581)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3145

ctaatacggt	gcatgccgc	gtaaaacttg	gcccccccag	ggatccttta	aaacggccgc	60
cccttttttt	tttttttttt	tctcaaatgt	cattttattag	aaaatacaat	tcccagaaaa	120
ggagatacaa	gggattctgg	gaagtgggaa	gtaaacagta	cacagatctc	tttaaatacag	180
gagcatatag	gtcataataa	aatgagctac	aggcacaaaag	ccagtaacac	atztatgggtc	240
cgttcatctg	gaaaagtttc	accgcccact	ccccactcct	cttccccctc	ctggaagcag	300
ccagctttat	ccttggcatt	ttaatttttag	agaaaattta	aacttccatg	ctgccctgtg	360
gcttcgggtca	atggagcttc	tttctccagt	tatggaatga	gtcagcaaaa	cggggagttt	420
ctgacccctg	gaattaggga	gggacagttt	acagaatgtc	ctcatttcac	tcttttccca	480
atcatgggaa	atatccagcc	aattctgggt	ttaaagattc	atatcaaatt	caaagtcctt	540
ccctcctttt	ggcgagggaag	acaacccttt	agagcgaaac	acaaaagagc	aaatgtaaaa	600
tccatctggg	gcggggcatg	gtggctcacg	cctgtaatcc	cagcactttg	ggaggccaag	660
gcaggcagat	cacgaggtca	agagatcgag	accatcctgg	ccaacatggt	gaaaccccggt	720
ctctactaaa	aatacaaaaa	ttagcttggc	gtggtagcac	atgcctgtaa	tccccagcta	780
ctcgggaggc	tgaggtagga	gaatcgcttg	aaccggggag	gcagattttg	cagtgagtcg	840
agatcatgcc	actacactcc	agcctggcga	cagggcgaga	ctccgtttcc	aaaaaaaaaa	900

<210> 3146

<211> 1432

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1413)...(53)

<223> similar to gi5917666 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3146

aaggggcctg	gaggatatag	ttctggctct	gctgggagac	acgaggggtca	caggcatgga	60
gaatggagat	ggagggggag	cccgggtccgt	gggccccaaag	agccgagccg	gacgagggat	120
ggagtgggga	gacgcaggag	ggcgggtgtct	agggctgggg	aatggagtcg	tgtctggcac	180
cccgggtggg	actgtattgg	aaggcagccc	agaatgggca	gcggcgagga	gtgaacacct	240
ggctgcaggt	gacggcctgc	aggaaggagg	cgaagatggc	cccaggggaac	caaagaggct	300
ttgccgaccc	ccgggagagg	aggaggtgga	ctgggaaccc	ctggccaaat	tccgagcagc	360
ctgcgggcca	gagctggcag	acctggtggc	tgaggagttg	gcctttgcta	ggcagcatgg	420
gacccggggg	ttccactgga	ccggagctgg	ctttgccctt	aaggacggca	cctcggactt	480
cttctcgat	ggggccctga	cacgctgcag	ctgctcaatt	cacgccgccc	gccgtctgcc	540
ctgcatgaca	cctctttgca	gcgcgcctcc	tactgggggc	tgctttattc	cacatggacc	600
tgctcagggg	ttgctggggg	agagccccag	agccctgacc	cttcatgcct	ctgcccacca	660
ccctccacca	ggaggggtcg	agggcattct	tccatcccaa	agataatagg	gctgaggcca	720
aggagaccgt	tgagtccccc	ctggccacct	tctgggtcat	ccagggaacct	cctcatggca	780
gtttgcctct	ctgggtccaa	gggcaagctg	taagtgggtct	ctgaggtcct	ggagccacag	840

cttgggaagg	tgttgatggg	caggggtggat	tctgagggct	tccctctgga	gaggaagcat	900
gtgatgagag	gtgtagacag	ggtcaggctg	ggacagaagg	aaggaaaggg	gcagagctgg	960
ggggaggggg	aggaagcgat	catatgggga	gtgtctggca	agagtagact	ggccagtcta	1020
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gtaagcgaga	aaaaatggaa	aggggagccg	gaaatggagg	agagaggaca	agcaaagaga	1140
cagaaatgaa	gacatgagga	aaagctgggg	gaagcaggag	aggaagggac	gggatgtagg	1200
agggggaaga	aaaatcggag	atgagacaaa	agaaatgtgt	gggagacggg	tagagacgaa	1260
atgcaagggg	cgtgggtttt	gtttttctcc	aagacctgga	gacatcgacc	cccatcgcc	1320
tctgaagaga	gagggagggc	gggcactggg	ggtcaggaga	gtctccagca	ggggagggga	1380
attgtttgga	ctattgttct	tcaggattgg	aataaaaaca	tcttaatttg	ga	1432

<210> 3147

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (795)...(665)

<223> similar to gi188864 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3147

tttttttttt	ggaagatcac	cctgctttat	tgcctggggc	ttaaggtaat	caggggtgtc	60
cctctccagc	caggacctgg	gattccgttt	caggagctcg	ggctgaacgg	ccaccttcct	120
ggtgggtctg	agccccagtg	cctggtgtga	aggggcagac	gccccatgaca	acagccaccc	180
cgcattgtcc	ggcatgtccc	ggcactgtgt	gagccacatt	tgtctgaagtc	tgggtcctgg	240
ccctggcagg	gtgggctggg	ctaggagatg	acacagcagc	agcagctgtg	gcagcggcag	300
aagggggggc	agtggcagca	gtggcagcag	gggcagcagc	agcagtgggt	ggcgatgtca	360
tccccgcgcc	ccacggggcg	agggccagcg	taggtcagtc	cggcctggcg	ctgactgctg	420
ctgtaggggt	tgccaggctg	ctgccaggcc	tgtctggtct	ggatgggggc	agccccctgg	480
ttacccttgg	cgcccttggg	ccctgggacc	tgggtcggct	gcaagagggt	ggttggtctc	540
ggggcacagg	gccccactgg	caggggctgc	atctccgagg	atgaggaaca	ggtggaagcc	600
acctctaact	gctgccccag	gtcaggccgc	aggtgagccc	gggggatgct	gatgtgggca	660
tatgggttct	tgaagaccat	ctcttggggg	tccatgggtc	agcctgtggg	ggcaacaagg	720
cagtctgtcc	tctcggtccg	gacgcgtggg	tcgctccggg	atttggnnnt	ggcaanggtt	780
tccnagggtg	caaag					795

<210> 3148

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (19)...(270)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3148

tcttgctctg	ccaccagac	tgagtgtag	aggcacgac	ttggctcact	gcagcctccg	60
cctcctgggt	tccagcaatt	ctcctgctc	ggcctcccga	gtagctggta	ttacaggcac	120
ccgccaccat	acccggctaa	tttttgatt	tttagtagag	acgggggttc	accatgttgg	180
tcaggttcgt	cttgaactcc	tgacctcaag	caatccaccc	accttggcct	cccaaagtgc	240
tgggattaca	ggcatgagcc	accgctcctg	gctttcttta	atgtaactta	aataaaatat	300
aaggttttac	tttatttggt	ctttttggaa	atgtctcctg	atttttaata	acagtttatt	360
atgccttgta	ccagcttttt	tattaatata	taaggtgccc	actatattat	accaattatg	420
ctgcttatat	agttattcat	atgcattctc	aaaccttctc	taatgtactt	ntaatgaggt	480
aacaccatag	gcanaattgc	atctttntca	ttatctgcca	tttaatatct	atagtttacc	540
aacgatgaca	ctgcaagcat	tgtgtcttct	gatcgtgcca	gtcgtggacg	aagggagagt	600
gtggtatctg	ccgctgatta	tttcagtcgc	tccaatcgta	ggggaagtgt	tgtctctgag	660
gtggatgata	tcagtatccc	agatttgccc	agcgtgagtg	tattgcatgg	gggtggttgg	720
tatgttgctc	caggcttggt	actaacagct	aatatgttag	ctattttata	ataaaagtgg	780
gaacttgatt	tattgtctta	agaag				805

<210> 3149

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (117)...(466)

<223> similar to gi3875169 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3149

aacacgattt	cgtccggtgc	gaggccagag	gtggggaagc	catcggacgt	cggcgggtgag	60
gatcttctcc	tgaccagca	tcgtcatca	caatgaagaa	ccaagacaaa	aagaacgggg	120
ctgccaaaca	atccaatcca	aaaagcagcc	caggacaacc	ggaagcagga	cccaggggag	180
cccaggagcg	gcccagccag	gcggctcctg	cagtagaagc	agaaggtccc	ggcagcagcc	240
aggctcctcg	gaagccggag	ggggctcaag	ccagaacggc	tcagtctggg	gcccttcgtg	300
atgtctctga	ggagctgagc	cgccaactgg	aagacatact	gagcacatac	tgtgtggaca	360

ataaccaggg	gggccccggc	gaggatgggg	cacaggggtga	gccggctgaa	cccgaagatg	420
cagagaagtc	ccggacctat	gtggcaagga	atggggagcc	tgaaccaact	ccagtagtca	480
atggagagaa	ggaaccctcc	aagggggatc	caaacacaga	agagatccgg	cagagtgcag	540
aggtcggaga	ccgagaccat	cgaaggccac	aggagaagaa	aaaagccaag	ggtttgggga	600
aggagatcac	gttgctgatg	cagacattga	atactctgag	taccccagag	gagaagctgg	660
ctgctctgtg	caagaagtat	gctgaactgc	tggaggagca	ccggaattca	cagaagcaga	720
tgaagctcct	acagaaaaag	cagag				745

<210> 3150
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(870)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (112)...(810)
 <223> similar to gil55947 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3150						
tttcgtggag	acgctacgct	ggcgcaagag	gttttttttg	aggcgctacg	ctggcgtaag	60
aggcggcg	ggaggcgcta	cgctggcgta	agaggcggcg	gtggaggcgc	tacgctggcg	120
taagaggtgg	cggtggagac	gtttcgctgg	cgtatgaggt	ggaggtggag	acgttacgct	180
ggcgtaagag	gggcacgata	caactgcagc	tgcaataaac	tggtccttat	acctgttggg	240
gtctaacc	gaagtccaga	aaaaagcgga	tcatgaattg	gatgacgtgt	ttgggaagtc	300
tgaccgtccc	gctacagtat	aagacctgaa	aaaacttcgg	tatctggaat	gtgatattaa	360
ggagaccctt	cgcctttttc	cttctgtttc	tttatattgcc	cggacagtta	gtgaagattg	420
tgaagtggca	ggttacagag	ttctaaaagg	cactgaagcc	gtcatcattc	cctatgcatt	480
gcacagagat	ccgagatact	tccccaaccc	cgaggagttc	cagcctgagc	ggttcttccc	540
cgagaatgca	caagggcgcc	atccatatgc	ctacgtgccc	ttctctgctg	gccccaggaa	600
ctgtataggt	gttccaagcc	attctgattc	tccttcacc	tactgcgaaa	atgtcaaaag	660
tttgctgtga	tggaagaaaa	gaccattctt	tcgtgcatcc	tgaggcactt	ttggatagaa	720
tccaaccaga	aaagagaaga	gcttgggtcta	gaaggacagt	tgattcttcg	tccaagtaat	780
ggcatctgga	tcaagttgaa	gaggagacga	aatcgctcgac	nnnnnnnttc	ggnccgggtnc	840
gtgcnggcgt	agcgggttctc	tatgggagg				869

<210> 3151
 <211> 1730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (68)...(18)
 <223> similar to gi3874886 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3151
 cggacttccc gggtcgacta cagcatcggc ggcggcggct agtgccgcta ggcctcagag 60
 cgatgcacct cctttccaac tgggcaaacc ccgcttccag cagacgtcct tctatggccg 120
 cttcaggcac ttcttggaata tcatcgaccc tcgcacactc tttgtcactg agagacgtct 180
 cagagaggct gtgcagctgc tggaggacta taagcatggg accctgcgcc cgggggtcac 240
 caatgaacag ctctggagtgc cacagaaaat caagcaggct attctacatc cggacaccaa 300
 tgagaagatc ttcattgccat ttagaatgtc aggttatatt ccttttggga cgccaattgt 360
 agtcgggtctt ctcttgccca accagacact ggcattccact gtcttctggc agtggctgaa 420
 ccagagccac aatgcctgtg tcaactatgc aaaccgcaat gcgaccaagc cttcacctgc 480
 atccaagtct atccagggat acctgggagc tgtcatcagc gccgtctcca ttgctgtggg 540
 ccttaattgtc ctgggttcaga aagccaacaa gttcacccca gccacccgcc ttctcatcca 600
 gaggtttgtg ccgttccctg ctgtagcaag tgccaatatc tgcaatgtgg tccctgatgcg 660
 gtacggggag ctggaggaag ggattgatgt cctggacagc gatggcaacc tcgtgggctc 720
 ctccaagatc gcagcccgac acgcccgtgt ggagcacggc gctgacgcga gtggctcctgc 780
 ccatgcccat cctggtgcta ccccgatcg tcatgtccat gctggagaag aaggctctcc 840
 tgcaggcacg ccccggtgtg ctccctccctg tgcaaagcct cgtgtgcttg gcagccttcg 900
 gcctggccct gccgctggcc atcagcctct tcccgcaaat gtcagagatt gaaacatccc 960
 aattagagcc ggagattagc ccaggccacg agcagccgga cagtgggtga caacaagggg 1020
 ttgtgagtgt ggtcagcggc ctggggacgg agcactgtgc agccggggag ctgaggggca 1080
 gggccgtaga ctacagctgc cactgcagg gagcagcacg ccaaccccag cagtccctggg 1140
 cccctgggga gagtgtctaa cctacagtgg agggagactg acccattcac attttaacat 1200
 aggcaagagg agttcttaaca catttcgtac aaaaaaataa tcaagtgcatt ttctgggcct 1260
 tatgtggggt tgtcaaaact ccactcagca caattatgtg tgaagctgaa aaattgtaga 1320
 gtgcccattg ggtagaagta gaatcctttt atacttttgt tcctttttta tttttatttt 1380
 ttatcagaat caaatctgag ccttagtttc agctgaccag aagtggcagg aggacaggtg 1440
 gaggcgagcc agattaggcc tggagttggg ctgggtttgt ggccaggctg gtaaatttag 1500
 gatattacaa tggccagccc agatggctcc ctgggctggc atggggaggg gagagaaggt 1560
 ggtctgcacc ccacaggatg aactagccat gactagggtc ctcaggcagt ggcccaggga 1620
 atcaggggagc actggaggcc tctgcaagat tctgtgggca gctggctctg aatgtagcca 1680
 gccacatcc attccagagc tgcagaacca cgcctctga gtggaagccg 1730

<210> 3152
 <211> 2299
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2300)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2241)...(1227)

<223> similar to gi4324434 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3152
cctaaaagaa caaaaaaaag tgagagaacc attagatact cagtttcctg acagtaacag      60
aagaaaacag gactaagaac attcactaaa gctttcagtg tgggcagtc tgcagtaaaa     120
aggtaagtag tagggtcaga ggtatggcat tccacatacc agctctacca agaatgaaag     180
agcatacgga ctacagaaac ggacgtgtgt ccgtgattaa actttttggc atcgctgtat     240
taatcccttt tgatgtatat aagttcagta tatgacaaat gtttcagttc cccccccca      300
aagaatccaa tcacaacca gacacacaca caaatcactt ctcagttaca catctgcatt      360
tctttaacaa aacagtaaga gatacaatca tagcgaagag gtcacccgca caatacatta     420
tcagcacact gtctagaaca cctcatttaa agacactcag taaaaacgta ttcacaggac     480
ctgctgtgaa tggcaagata tggtaatttt ataatagaag aactctgctc atgcagtaact     540
ctccacacac cagacgtcgg aaatcacagc cacatcatca ccttgctcac acttccttat     600
tatactagat atgcaaaaaag ccàaaaaaag çagcttttaa cattatatca ttatatcaca     660
atthtgaaac atgggaaaaa ataaaaaaca aaaaccattg tgtggataaa atggtctccg      720
tgacattgag cagagtgtta tctttttttt tttttacatt attgcacaga gattttctcat      780
caatgttctt cagttttttat gtcttttctt aaatgtgaat aagtgtctat gataaaatac     840
aaatgtagaa aataacagca gcatgatttg tcaaagttaa tccctataat ttagtaagaa      900
aaaatggata taaacaaaat aagtgtctct tctaaactgt actaaatttt ccaaaaatat     960
tggtttttaa tggcagtgaa ggtcctgaaa agcctattga aagcgatgct gagtccctgg      1020
tttcaaaagt gtcctgggtt ggggtttctt tgggtgaagag cagaatttca aggtgaagta     1080
atccgacgga cttaaatttaa aacaaaacag ccctcggtct cccctaattg ggctgtgaa      1140
gggcaaccgg cttccgggga nccctggacc tgggaggcca gccgagtggg tgggggggtgc     1200
ctggccccca tctacacgta cacaggctgg cagccttcag tctgatccac cagatcagag      1260
ctttctaaat ctgagctctc agcctgtgaa gcttctgctc ctgaaggctt tgggcatcga     1320
aaggggtagc cattgtcatc aaagaacctt cgggaaggta attcgtaaaa tgcgtgctca      1380
ggatgcttgt tattgggcca ggtgagtggt tcccaggcct tgggtgctaac cttcgctggc     1440
atcgttccaa gggctttctt catctacggg gtcgaaattc gaggtgtcca tgggggtggc     1500
gatggtggga acgtaggggg ctggctgctt ccggatgtca ctggagaagt caatggcgct     1560
gaagaagggg tgggccttca ggtcatcggc cccattccgc cccaggcggt ggtctgcgga     1620
gcagcacagc ttggtgatga ggtccctggc ctcagggctc agcttcacct gggctggaat     1680
gtggagcgtg ttctccagc tgatcacctt cagctgggtt tctgtgggag taggtgccaa      1740
aaagggcggc tgccccacca gcatctcgaa gagaatcact ccaacactcc accagtcaca      1800
gagttgagtg taccctttgc ggaggagcac ctcgggtgcg atgtagtttg gagtccccac     1860
cagtgaatgt gccaggcacc tctggtgctg cttccgcgcc ctctgctcta gggctcttcag     1920
cctctcccca caccgacagt tagacacatc atcccagagg tcgctgggct ccatgctgtc     1980
ctgtctgaca tggctccctt tctggttaata tttggaattg tgagtccacc tgaaccagc      2040
gcagaggccg aaatctgtga gtttaatgtg accatccaga tctatcaaaa tgttatcagg     2100
cttgatgtct cggtggatga agcccatctt gtggacactc tcaatggcca aagtcagctc     2160
tcgatgttag aaccggccca ggtgctcagg gaagacctcc atccggatca gcaggctcat     2220
catgtcccca ccagggatgc ggacgcgggg tcgccgggnn ttccgnccgt gccagcattt     2280
cgggacctct tagcggccg

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<210> 3153

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (209)...(723)
 <223> similar to gi5732634 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3153

tttcgtaagg	cccagggggg	gtctgtcagt	gggacgacct	tgtttcccct	ccacgtctcc	60
tctcatactt	caaattactt	ctcctatgca	tttgagagac	gggagagaaa	aacaccagga	120
aggaggaggg	aacaaagaaa	ctctacaggc	agagacacag	gactgagccg	cggtgggggc	180
actgggagga	gtgagccttg	gggttgccac	ctcgagaccc	cactgtcctg	ggagcagcct	240
tcagaaccac	ccttttgttc	tctgaagtac	caggcggttc	gcttttccaa	ggactggcag	300
ctgcacatct	ttgtccctgc	cccttccatc	tctaggctca	gccccgctgg	gcaggctggc	360
ccactcccca	cccctgccca	gggccaaccc	ctacttccca	tgccccctct	gcccacctgc	420
agcacactgg	agccttgccg	gccctctctg	catcattcaa	gatgcagact	cctacacttt	480
gacctgcaca	catcctcctg	aagcttccac	ttcctggccc	ctgctgggct	tctcacctcc	540
cccacctcag	ccc'cccagg	gatgtgccgc	ctctcccagt	ggcccaggac	atcctccact	600
tcccgggaac	cccaggcact	tccacatcct	cagacacagt	gagaagatga	ccctctctcc	660
aagccaggaa	gagacctccc	gaggagccca	gccagccagc	acgctgacct	ccaacgtcca	720
gcctctggaa	atgtgagagg	ccaacgtctg	cggtgggagc	cacgtgggtc	cggtgggatct	780
ggcctggcgc	taaagccgct	gcgtcctctg	cccgcaccag	gatgtgggaa	ctttgagaac	840
cgctgagagt	cgagagatgt	catcgaaacg	acaccgcata	cgtgttccct	g	891

<210> 3154
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (154)...(763)
 <223> similar to gi556217 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3154

tttcgtagga	tgcccagcca	gccgagctcc	gggcagtacc	cgccctccac	ggtcaacatg	60
gggcagtatt	acaagccaga	acagtttaat	ggacaaaata	acacgttctc	gggaagcagc	120
tacagtaact	acagccaggg	gaatgtcaac	aggcctccca	ggccggttgc	tgtggcaaat	180
tacccccact	cacctgttcc	agggaacccc	acacccccca	tgaccctctg	gagcagcatc	240
cctccatacc	tgtccccag	ccaagacgtc	aaaccaccct	tcccgcctga	catcaagcca	300
aatatgagcg	ctctgccacc	acccccagcc	aaccacaatg	acgagctgcg	gctcacattc	360
cctgtgcggg	atggcggtgt	gctggagccc	ttccgcctgg	agcacaacct	ggcggtcagc	420
aaccatgtgt	tccacctgcg	gcccacgggtc	caccagacgc	tgatgtggag	gtctgacctg	480
gagctgcagt	tcaagtgcta	ccaccacgag	gaccggcaga	tgaacaccaa	ctggcccgcc	540
tcgggtgcagg	tcagcgtgaa	cgccacgccc	ctcaccattg	agcgcggcga	caacaagacc	600
tcccacaagc	ccctgcacct	gaagcacgtg	tgccagccgg	gccgcaacac	catccagatc	660
accgtcacgg	cctgctgctg	ctcccacctc	ttcgtgctgc	agctgggtaca	ccggccctcc	720
gtccgctctg	tgctgcaagg	actcctcaag	aagcgcctcc	tgcccgccaga	gcactgta	778

<210> 3155
 <211> 1176
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1060)...(362)
 <223> similar to gi775239 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3155

cttgccgggtg	agggaggccc	aataacagcc	agactccatc	agttcagagg	caggggctag	60
agatggattt	aattcaactt	aaaaagaaat	acaagaatgg	accttttctg	cagtcctgag	120
ggagtggaca	ggttgcgtgc	gtgctctgac	ggtagggatcc	agacccccctc	ctctcctgcg	180
ttgaagggtgc	caccgggcct	catccccagc	cacatcacat	cctgagcctc	ttacaggcag	240
gccccgaggt	cctttcacct	ttctcttctc	tccagtgcct	ggtgcatttt	caaactcagt	300
acctttcttt	tgaataaatg	agcaagaata	aaccgcgtgc	tgcttgccga	gtcctctcc	360
ctgggcgggg	aactaaagca	aaaccacgct	ggatgggggc	ccaaacaccc	taagaaggcc	420
gagctcctgc	cgctctccag	cacgcgcacc	gaagaccgga	gggagggtct	gtcgctctcc	480
tgcaggagca	cgagtggagg	gagggcctgc	ggcgctccag	caggagcatg	aggagtggag	540
ggagggcctg	tactctcca	gcacgcacac	cgaggagtgg	aggagagacc	tgctcgctctc	600
cagcagaagc	accaaggatt	ggagggaggg	cctgtcgctc	tccagcagga	gcacgaggag	660
tggactgccg	gcccgtcact	ctccagcacg	tgcaccacgg	agtggagaga	gagcctgtca	720
ctccagaagg	agcaccagga	gtggactgcg	gaccgcgtcac	tatccagcac	gtgcaccaag	780
gagtggaggg	agggccctt	gctctccagc	aaaagcacca	aggatcggaa	gtagggcctg	840
tcgctctcca	gcacgtcccc	ccccggcagt	ggagggaggg	cccgtcgctc	tccagcatga	900
gcaccagag	atggaggaag	ggtcagccat	ttgtcaggct	ctgcgtgtga	aaagctggga	960
tttcatttct	tatcagttat	tactgtcact	atcactcagg	atgaaattgg	cctcaccgcg	1020
tcaagaacaa	tgctgccttc	tccctgtcct	cctcctggat	tggtgaggaa	aaagccagac	1080
taacctgttc	cacaccttgg	catcagttgc	ataaatgcta	tctcagcatg	ttctagaaca	1140
cagtactgtt	taaacaacgt	tctgggggta	accaag			1176

<210> 3156
 <211> 1867
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1686)...(1277)
 <223> similar to gi3878306 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3156
ataatagaaa catgtttaat tatggagagt aaaacagaaa cgagaaaaaa caggtatcat      60
ccatgtatatt tatattcttt tctagaacaa ccaatcttta ttagaaagtt gtagtcacgt     120
ttacaataaa tatcaacaat ataatgaaaa agtagaacia attagtttcc aaatactgaa     180
ctcctgtaac caaaacacat ttttggattt gggaaaacac agtaaacaca taccaaaaaac     240
acagccacaa ataccaaaaa caaaaaccag ctcaagtata ggattgaact ggctggaaaa     300
cacttattgt gttactgcct taagaacccc acggagcacc ttgtagctca ttaactgcac     360
atthttcctta ggggggaaac aaggctctct ctcagtcaca tatgcataag gaaatctcaa     420
aaccctaaagg ccatcaggtg gaagggtgat ttcttgTTTT tctgggtaga ataccggaca     480
tgggtgggtgg cctggctgaa cctgaggcat tagtattatc tggcaaagga ggcatacagga     540
accacaacaa aaagcctcat aagttggagc gtaatgaggg ttttcagccc ttctaccttg     600
agaggatgac agaatatata agggcatgtc actatttagg gcttttaaag ctgattcctt     660
tggcccactt cccattactt tcattacttt gtcaggccca gagcacatga atctccgacc     720
tcgagagtct tcatattcaa agcccacaaa agctcgagct atgtcatctc gccgtcttcc     780
tcttcccatt acaaccgcac ttctctttcc aggaatagct ttatttggag caggccaaga     840
gtttgtgtct aagtctcctt catcttcagc tctagtcctg atgacaatgt cccaaggcat     900
aagataatth gttcctggaa taaagccctg ttggtccaaa cctgtatgaa agttataaga     960
cttagcaggg cctagtttaa ccaaagacca gctggagaat ttgggtagga gacctttagg    1020
gcaatttgaa tgtagcatgc ctgggagata ctcaactgtg gatgcctgtc gatcaacgaa    1080
gtttggcctc ttctcagttt tcacttctac ttgaccatga acttctggat tatctcctcc    1140
tgcttgtgga tcagctggat aggtacctaa gctatctgtg gattggccca aactcaaagc    1200
taaactcagg ctctgtctct ctcttgggtt ttgaggttct ttttctttaa gtttatcagc    1260
atccgaatct ggaggagcag gagaggattc atthtttagca ggagcaggat ctggagtact    1320
tggttcaaat actgggaaat tgatatgata caathttcca caacactttt cttccagaag    1380
ctgatagaag tcataattgg ctgctttgat atcaaaggga tcactctgag gtgcttgttt    1440
ccttccacag ttgcaagcac cagtagatcg agctcggcta ttgtgatata gcacaggcgg    1500
atthtctatca gctcttggtt ttctctctga tttaggtaat gagtgaattt tgtgcacaca    1560
gtgttgatca gttaaactcc tctctctaca gagctgatgg ccattgctcc aaaatttgta    1620
gcagctctca tggtaactgca tggcgtatth gtgaaatgct ggacctatag catgttgact    1680
gtacactcga agagcctggg caagctgatt ctatgggaca gtcatttgtt aattatgagg    1740
caaatttgac tggtaggcac tgtgggccat gggtaaagct ttttggcatc ggthttctga    1800
aaattttggg tcaatataca aaaatctttc caagacttta atactgctta aaatcttaca    1860
tgtttagc

```

<210> 3157

<211> 1264

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(635)

<223> similar to gi4567179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3157

```

aacgtggaaa ggccttttatt cgtagaggga atcttaaaga acatctgaaa attcattctg      60
gtttaaaacc ctatgactgt aaagaatgtg ggaagtcctt tagtcggcgt gggcagttca     120

```

ctgaacatca	gaaaattcat	acgggtgtaa	aaccatacaa	atgtaaagaa	tgtgggaagg	180
cctttagtcg	tagtgtagac	cttagaatac	atcaaagaat	tcatactggg	gagaaaccct	240
atgagtgtaa	acaatgtggg	aaggccttta	gacttaattc	acaccttact	gaacatcaga	300
gaattcacac	tggtgagaaa	ccctatgagt	gtaaggatatg	tagaaaggcc	tttagacaat	360
attcacatct	ttatcaacat	cagaaaactc	ataatgtaat	ttaatataag	aaaagggttc	420
catgtcatgc	tctattttata	gaatatcaaa	atattttatgg	ccagaagttc	tgtcaatgtg	480
ttgatgtttt	tttacacata	ttaacttaat	aaatgtatga	gtcttaaata	cctcttagtt	540
ctcattaaat	ttaggaaaat	tcacactaga	aaataaaagct	gttaatgtaa	cagttgtgga	600
aaagtgttct	agcaacagca	tatacttatc	atcattgcct	ttccactact	ctactatctg	660
tgtgatatta	gacaaaaatat	ttgcttcttg	gtacctcagc	tgtaaaatga	aacacaccta	720
aaagtgtggg	tgtttccaac	atgtataata	cagcaacaac	tatctggccc	caaacctgct	780
ttggattaat	attggatatt	tactgttttt	attatcatcc	aacattatta	ttagtggatt	840
tcttaaatag	gaagatgcca	atggagatga	caaatttgga	aaaacccact	catcacttac	900
catttccatg	aagtactttt	ttttgataaa	aatctgttat	gggcctgaat	gtttgtgttc	960
cccgtaacaa	ttccctatgt	tgaaaacacg	aatcccaagg	tgatgggtatt	tgaaggtagg	1020
gccttttagga	ggaaattagg	tcatgagggg	tggagccttc	atgagtggga	attactgcct	1080
ttataaggaa	gaagccaaag	agccagctag	ctcttttcaa	ccacatgagg	ttacagcaag	1140
aagtcagcag	tctacagtgc	aaaagagggc	cttcaccaga	acccaagcat	gctggcacct	1200
tgaccttgga	ctttcagcct	ccaaaactgt	gagaaataaa	cctcagttgt	ttataaaaaa	1260
aaaa						1264

<210> 3158

<211> 821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (56)...(439)

<223> similar to gil019435 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3158

ttttcggtta	tgatggcgag	gaaagccgct	ggtgggcttg	gaggtcatca	aaaaaaccac	60
ccatccccct	accactacca	tgcagcccac	cactactacg	acgcccctgc	ctaccactac	120
aaccccgagg	cccaccactg	ccaccacccg	cgcacgacc	accaggcgtc	caacaaccac	180
agtcogaacc	actacgcgga	caaccaccac	caccaccccc	aaaccaccca	ctcccattccc	240
cacctgtccc	cctgggacct	tggaacggca	cgacgatgat	ggcaacctga	taatgagctc	300
caatgggatc	ccagagtgtc	acgctgaaga	agatgagttc	tcaggcttgg	agactgacac	360
tgcagtacct	acggaagagg	cctacgttat	atatgatgaa	gattatgaat	ttgagacgtc	420
aaggccacca	accaccactg	agccttcgac	cactgctacc	acaccgaggg	tgatcccaga	480
ggaaggcgcc	atcagttcct	ttcctgaaga	agaatttgat	ctggctggaa	ggaaacgatt	540
tgttgctcct	tacgtgacgt	acctaaataa	agacctatca	gccccgtgct	ctctgactga	600
tgcactggat	cacttccaag	tggacagcct	ggatgaaatc	atccccaatg	acctgaagaa	660
gagtgatctg	cctccccagc	atgctccccg	caacattcac	cgtgggttgg	cgtggggaag	720
gtttgccact	tcattttgtt	cattgtggga	ttggggacaa	aggccacccc	aggagatgtg	780
ggcacaggct	acttgatta	cagtgcattc	tatgaagact	g		821

<210> 3159
 <211> 1453
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1286)...(851)
 <223> similar to gi1938464 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3159

aaataaaaaat	ttctgtgttt	gaggtatcac	tgtaagacat	gccaatatgg	cacatttgta	60
aaacaaccca	ggagtctatt	ctaaaaatca	caaccaactc	agcatcatct	ctgcagactt	120
actaacaggc	tgaactaatc	tctttataca	agaagtat	taattattac	aaaaacaaag	180
gaggcacgta	ctaaaaat	tgcatttcat	agaagagtaa	aactttgtta	gagatatttt	240
catgatcatc	tacctgcaga	caccattcat	ttaaaaagtc	ctagtcaaga	ccattaagca	300
gctgcatctt	ctacaacatt	gaaaaaaaaat	ccctagagat	ttaaaaaact	gaagaatttc	360
actatcttta	aaagatatta	tatttttagta	cataaagcta	ttaaatttct	ctgtgtcaag	420
agcaaaacat	taccctttac	cttgcttcat	cattggaagg	tggaacacctg	atccagcaat	480
actcattaac	tgctaggttag	atgacccatg	ttgatggcag	taaagccatt	ttacaatgaa	540
cttatgaagt	agtaacacta	gccaaacaca	cagagacaca	aataccaaaa	atgatgtgtt	600
tagtatacac	aaatagctat	acttggggca	tggtatcaa	gtaacaagac	tgatttaata	660
ctttacagtt	acagcacatt	aaaaatatat	tgccagaggg	ataatggtcc	caaatacgaa	720
aaatgtctat	atggaaaagg	ctgtgattta	ttgcaaagca	taatatatag	caaattccaa	780
ggaagggcaa	acacgtttta	aaaacaaatt	tttaaattta	acgggcttaa	gccaaagtct	840
cagttacttt	ctggagaatt	cagaactatt	aggtgtagaa	gaatgctttt	ccttttttct	900
cttctttttt	tccttttttg	gatgtttccc	tttttttgat	ttactctttt	tttctttttt	960
cttttctttc	ttctgatatt	tttgtttcct	ttgttttgaa	gtgtcctctt	cagtgggaact	1020
ggatgagtaa	gaccttttcc	tttttttttt	tcaatttgat	tttttctttg	cttttttctt	1080
ttttcttttc	ctcttcttca	tttattcttt	tttctgttaa	tgcttgcaat	ttattcagtt	1140
cttcattctc	ttcatcgcta	tcttcactac	ttgtactgct	gacatccaaa	actatgtccc	1200
tttttagggc	tactcggaga	aaattgcggc	attcaaaagt	caggtgacca	gggtagccac	1260
attttttaca	gcctgctctg	acactgtcct	tgttgcaacc	tgggactgcc	atgacgggtg	1320
taagaggggt	aactcgagcc	tctggctttc	gaaaaggcgc	ttgcttcccg	ccagctgtga	1380
gaacaaggca	cagtcaaagc	ggcgtttttc	ttcccccagc	gcagcagcac	cctcgctacg	1440
gtcgcgtacg	cgt					1453

<210> 3160
 <211> 2530
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2521)...(1701)
 <223> similar to gi4007865 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3160

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atgcatcaat	gctaaagaat	agcttacata	tgttgtaaag	caacaagcat	atcttcaaga	120
agtgaagcct	cctcaatatg	actccatgct	tattctacat	gcctgaaaac	tgggcccaca	180
cacaggggca	cacgtacacg	cacacaaacg	cagatacgga	cacacagata	tgcagaccga	240
aatgctgaca	ccatcgctct	ctagattgga	ttagctctca	tttaaggctt	cttaggtgcc	300
gcagtgtccc	taatattacc	aggattgaaa	acagactttt	aggaaggagc	agcattactt	360
cgaaaagtag	tcattctgctc	ttgtcctcca	atgtgtgtat	tttaacaaat	acaatttcat	420
tctatgttga	ctctgtgttt	ataatattta	aagaaccatg	aaattaagaa	atctcaggat	480
tgttttagtg	agaacttccc	attcaaaata	aaaaaaaagg	gcaattctga	ccctaagata	540
tcatacaattt	tatgataacg	caataagatt	tccctttagg	ttaagatgtc	atgggtctct	600
agaccaagcc	aagtttatct	aactcattct	gtatcttaag	gtgcaatgct	gagtgatggg	660
ggcaagggtt	cctcggtgat	accaaaccag	atttgaagct	tgccatcaag	gatgcatcag	720
acaggaccat	taattaaata	agttaccata	aatctcagct	ggataaaaagg	agagttgaca	780
tagagtgtgt	tcacttgctg	atcacttatt	cctctttgcc	aaggcttctg	ttgttggggg	840
tgttgtttta	aactcctggt	ttgtttgact	gtttatttta	tttgcttgat	tgttttcttc	900
cttttggtgt	cctgcaacat	atgctgagat	ttcatccctc	taaggatgtt	agaaggggaa	960
agaggggtga	cagggcagca	ggaggggaaag	ggaaggggtc	attagtaatt	gcaagtattc	1020
taagaaaata	gatgaagtga	atacaataag	agggtactac	ttggtatatt	tatgtaaata	1080
aaagcattat	ctgtaactgt	gaattaactg	ccaactatca	ggttgtagt	tgtaaagctc	1140
aataaaggct	gtgctgattt	gcatacagag	gagggcatct	gccgtgggag	aggaacagag	1200
ggccctcccg	agatgttcct	tcctccctgc	ggccagcgtc	cccatcagca	ccctgcccac	1260
cccactcag	atcccatagg	tgcccctaac	attcttgtgg	aatttcataa	ggcagatcgg	1320
aatggcccat	ccaataacag	ctgcagagta	tttgcttgag	cgtggtgaaa	actggcatgg	1380
agctctccca	cagagaggca	ttgggaaatg	agaaaaataa	gaagagagcc	tagaaccttc	1440
caccccatcc	acactcccac	cctcctcaca	gtcacagcag	cagcagggtt	caatgtaacg	1500
taattacttt	aatgatacat	ttcttttagat	ttagaattgc	tcttctgaat	ttaaaaacct	1560
tggtcagcca	atagtttggc	agtcttttca	tcccaaattt	gaaacgttgc	ttactcatct	1620
attcccttga	actccgtgac	caatgctgcc	tttgctgaag	cgtctcaagt	tcattcagcc	1680
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gtcgtctctc	atactgtgga	aagtcttcct	gaaggcctcc	atcatggcgt	gggccagttt	1800
cttggcctcg	agcttgctct	cgcactccac	ggcgtggcag	tccatctggt	aggacagggtc	1860
atcattgatc	tccctgtaga	cccaggcgaa	gatgttgggg	ctcacgttgt	ggtcggcggt	1920
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gacatcctct	cgggctagcg	tgtgcttctt	ccagagctca	atgactggct	ttctgtgca	2100
gcctgacaaa	aactgcatgc	cagtgggtggg	gactttgccc	aggtaggtaa	ccttgacagcc	2160
actgtgagtc	cttgtcttca	tcagcgggtg	ggtcgtgcac	agctcaatgg	cctccggctc	2220
atggaagatg	accgctggga	gaggttcctt	tttcagtgtt	aagacattca	atttagactt	2280
cagcatggtc	tgaaagtgct	gcaggcgctc	cgtggccggc	tgccacatct	tccagccctg	2340
ggttttggca	gaggagacgc	tggcgagact	gtcgatcgcg	ccggggggcg	aggggctggg	2400
gtcccgtttt	acatctgggg	tcgggtgtccg	cgggatgtgc	gtcctggcgc	tggccaccgc	2460
cgcgggttgg	gcgtaggggg	ctgcgagcag	gaggaggcgc	ggcgtcagc	tgccggcaac	2520
ttgtacgaaa						2530

<210> 3161

<211> 1214

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1202)...(218)
 <223> similar to gi1216486 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3161
 tttttattaca aagaactgta tcaaaatata caagtctgtt taagaacaac caagaaatgc 60
 agctgttttaa gggacaaatg agaatcaacc gttagagagc aggcagcctc tccccgcccgc 120
 tgtccactgc aggagacggc atcctcaggg ccacattttc cacgggacat ctttctgaat 180
 aatttaaagg gtaagtccgg cacattacag gtcttcgagg gagggcagct gtgtcgggct 240
 ttctccttct gtggcttcag cctctgcccg cggcacacag gcattctccg tttcttcgaa 300
 gccgtcagga cacacacaga cgtagctccc tggagtattg tagcagtttt cgtttttcct 360
 cacacagggt ttttctgcta gtgagcactc gtccacatct gcacactgtc cgtgctccct 420
 cgcgtagcca gagatacact ctttacagtt tcctgggcct tcccctgtgc agcccacaca 480
 gctggagtca cactcttcgc acgtgtagga gccgttggcg ttcttacaga actgcgcagc 540
 gctgcaggga ggcggctcgg ccgcacactc gtccacatcc acacaggcgc cctcgtccag 600
 caccagccc acttcacact cgcgcagctc tctgttggtc agggccgagc acgtcttgca 660
 ggactcgtca caggctgtgc agatgctgtg ggtctcgttc cggagcagc tgaagtagcc 720
 gtccatgcag tcagtgcaca gcgggcccctg gtaccccatg tggcaccggc aggaccctgc 780
 gccctgtctg ctcccatctc cgctgcagtg gccattcccg ctgcagggcc tctgggatcc 840
 gccctggcat gcgagacagt cgggaccgta ggttcctgga gagcagcaca ctttcagtgt 900
 cttcacacaa aaccactcga ataagtcagg atattcgctc ttcagctgca gccaccaggc 960
 ctccaggtgc tctcctgctg cctctagcat ctgattgcac tcgaagtcgc tgcctctgca 1020
 cagccccctc aggatctcca gcaggcgaat ctcgctggac tcgtacttgg acagcgtctt 1080
 ttctctccaa gccgtgttcc cgcgcgcaaa gttcttcttt gcggtgtcca ccattcccctg 1140
 gttaaacttg tccaccagcc cccggcaccg gtggcagggc gtcggcttct tggcggcctc 1200
 cggcgcggac gaaa 1214

<210> 3162
 <211> 1236
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1073)...(304)
 <223> similar to gi5853113 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3162
 ttttttttgt gatgcagcat cagggtgcttt taaatcagat taattcacaa taagtgatat 60
 tgcaaagggc ctgggggctg tacatgggca ggggcttggg gagctttgta catggggctg 120
 ggaaacaagg gaccctccag gtggaagggt attttttaat aaaaaaata atggagctac 180
 aaccaccccc tccccctcc ccgattaaaa agacacaaaa atagacgtct ctgagggtaaa 240
 cggggagcct ggggcttaag ggtgtttaaa gggcttcaca ggtgccagag cttagagggtg 300

tcacagggcac	cgggggtggct	cctgcatcag	ttggtagaac	agcacgtagc	cctcgctgga	360
tgccacctgg	ttttcactga	caggggagac	acgagagtca	ttgtagacat	gccaaccagt	420
ctggcaccgg	cacagggctg	tgtagtggcc	atagtggacg	ctgcctgagt	ggttgcaaag	480
ggcatacagc	tggtatacag	gacttccggc	tttgtcactg	gcaaagtccc	ctaggctcag	540
tcgctgcagt	ggaaagtcta	cacctactga	actttttttg	atggagcctc	gggaggcaga	600
aaatcgattc	agatggagca	cgaggattcg	agggaatctt	tgtactgtca	actttttggt	660
acttcgagtt	ttctgccgac	atcggtcaca	cactggggca	ttctccgact	ctagctcttc	720
ttccttagtg	aaaaggttga	aacaatcccg	cagagacacc	ttgccccag	caaatccttt	780
cttggggaaa	aggggaagaa	aggccaacat	gttctgaatt	tccttttcca	actcttctca	840
atcaatccag	gcttcagttc	tgctccagaa	accacaggg	ttcccgccca	cactctgggg	900
gtgggtaggc	ttgggtcaca	gagcccctgt	cctgtccacc	ccggaatcct	ctggaatccc	960
accttgggga	tgggcagggg	caggtcacaa	aaaacctega	aggctcgtga	gcgataccca	1020
caggcctggc	acttgagaca	acttttcaac	tggcccacaa	acaggtctag	acagaagcac	1080
agggacagga	gaaaaggtca	ttgttggatg	ttatgagatg	atttcttgga	tttccatctc	1140
ttcctgcccc	tttgcttgac	ccttcctttc	ccactaccaa	cactcctaata	caactcttca	1200
cacagcttca	catttgcata	atccagtctt	gttccc			1236

<210> 3163

<211> 1330

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1274)...(421)

<223> similar to gil389694 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3163

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ccagaaccca	cgcccgtcca	ggctggggaa	gtctctactc	gccccacacc	aggccccgag	120
caccgcgggc	ccgaagcagc	ccccagagga	cagacggggc	ctgcgcactg	aggtagctgc	180
atcttaagcc	cccatgagta	caactgcccc	gggctgcccc	attcccagag	gggaggagga	240
gagagaggca	ggcaggggga	gccccggctt	caggtggggg	cacacccccc	accctcaaca	300
aacctcccag	cctctcgggc	tgggcacttc	ctgcctggcc	acccagccag	ccatggggca	360
gcggggtggc	caccagaggc	gggcgtgctg	gggtgcagg	tcactgctgc	tccaggcagt	420
cctcgggtcac	cccctgggca	gccagctcag	ccagcacgtt	ctgcaggtag	ttggggtcgg	480
gatagccgtg	gcccgtaatg	ttgcgggtcca	tctctgtctt	gtgggtggatc	tcgtttccata	540
ccacgggtgtc	cgtctcacc	gtgggtgctt	acgtgcccc	ctgtgaagat	gagccgcctt	600
cttccaggcc	caccttcagg	agctcttaag	gactttgcgg	gcccctgggcg	ttgtctggaa	660
ggtagcactg	ggcggggaaa	ccctctggca	gtgaaacggc	tttccgggat	tggggtgctc	720
agggccctgg	ataccatggg	gaatgctgta	aactatgagg	atgggtccgc	agtccctcgtg	780
gccggggagc	gacatctgga	accgtaatac	ctccatcttt	ccctggggct	gggtccccgt	840
cttctctcca	tagatggttt	tgcaggaggg	acactgcaga	cttccatcct	tattgccgtt	900
gcagtacatg	gccaggaggc	acagcagggtg	gaaggcatgg	ctgcacttgg	tgagggtggcc	960
cacagctagg	gacccgattg	ccttgctgtc	agtcacatcg	ctgtatccag	acgctgtgga	1020
cagcttctcc	atgcagatga	tgcagtcctc	atctgggggc	actttcagct	cttccgtgta	1080
gttttttatg	acctgctctg	gctctggctc	tggcttcggg	gtcgtttctg	cgagcgccctg	1140
ctggactctg	ctgggctttg	gcattctgcat	gggcacagtg	gcagggacgc	tccctgggct	1200
gcttgaggga	ccgctgggga	gggaggcact	gactgcaccg	gaggtggagg	atcctggggg	1260

caggtgctgc ggtcccaggt gggagaggct ggagcggtag aggggctggc tccccagggg 1320
aggaggagct 1330

<210> 3164
<211> 1673
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (245)...(1322)
<223> similar to gi2351568 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3164

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cggattttga	agacttgaac	tagactgggg	gttctccttg	catttcttgc	ctgttgcccta	120
tctttgtcct	ctctcttccg	gcttcgagat	gaatgtgcag	ccctgttcta	ggtgtgggta	180
tggggtttat	cctgccgaga	agatcagctg	tatagatcag	atatggcata	aagcctgttt	240
tctctacaga	catgactttg	tgaaggagcg	agggaaactc	atagggcccc	agagtgtgag	300
agacgacccc	cggatccagc	actgccggcg	catggggccag	ctgcagagcg	agcttcagta	360
caggaggggg	gcgaccagca	gccaagccca	gttccatctg	cccatggaca	tgggtgcacct	420
ggtccatgcc	aagaatgccc	aggctctggc	cagcgaccac	gactacagga	cacagtatca	480
caagttcaca	gcactgcccc	aggacctgaa	gatggcctgg	gccaagaaag	cccatgccct	540
gcagagttag	ttgcgctaca	agtcagacct	gatcggcctg	aagggcatag	gatggctggc	600
gctgagatcc	ccacagatgg	agagtgcata	gaaggctgga	gaactcatca	gcgagaccaa	660
gtaccgtaaa	aaaccagaca	gtatcaagtt	caccacagtg	gttgactccc	cagacctggg	720
tcatgccaa	aacagctata	tgcactgcaa	tgagcgcctg	tatagatctg	gagatgcaga	780
atccctgcac	agatacacc	tgatccccga	ccatccccgat	ttcaccgcag	ctgcctcaa	840
tgcgctgcat	ctgagtgcac	aagtctacag	aaactcctgg	gagcagaccc	gggctggcag	900
ttatgacttc	aggctggatg	ccatccccct	ccagacttgc	ccgggcatct	taggggaattg	960
ccagtgattt	cgggtacaaa	gaggctttcc	tgcggggaccg	aggcctgcag	atcgggtacc	1020
gcagtgtcga	cgatgaccca	aggatgaagc	atttccctcaa	cgttggcagg	ctccagagtg	1080
acaatgagta	caagaaggac	tttgccaaga	gtcgggtccca	gtttcacagc	agcacagacc	1140
agccccgct	ccttcaggcc	aagaggagcc	agcagctggc	cagtgatgtg	cactacaggc	1200
agccccctgc	ccagcccacc	tgcgaccggg	agcagctggg	cctcaggcat	gctcagaagg	1260
cccaccagct	gcagagtgat	gtcaagtata	aatcagactt	gaacctgacc	agaggtgttg	1320
gctggacccc	tcttggtctc	tacaaagtgg	aatggctcgc	gcgggctgcg	gaactggcca	1380
acgcaagggg	cctgggtctc	caggagagctt	accggggggc	agaagcagtg	gaggctggag	1440
atcatcagag	tggggagggtg	aaccagatg	ccactgagat	tctgcacgtc	aaaaagaaga	1500
aggccctgct	gttgtgagcc	atgtccaccc	tgattcctga	gaggccagag	aggaagtttg	1560
ttcaccagag	acaggcttca	gatggctttg	atttcggcaa	gctggaatgg	cccaccagcc	1620
catcccagat	cttcctttat	taaaataata	actctgaaag	cagaaaaaaa	aaa	1673

<210> 3165
<211> 2567

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1764)...(0)

<223> similar to gi5917666 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3165

ctcgtccac	ctgacgagaa	ataccacag	gtgtggagag	gcaggcccct	ttcaggtgag	60
tctgtggctg	ctctgcccaa	agtcaaccct	gatggggtga	atgagggaag	gggcagggtt	120
tacagcacct	gtgctcatgg	ccagccacgg	gggtgaatgag	gaaagggaca	gggtttacag	180
caccagtgt	catggccagc	ctgtgaacca	gggtgagctc	caaacaaaat	tcctcaaat	240
cccaaggaaa	tgaggacgac	agagaccata	tgattagttc	ttcatgaggt	tatgtttact	300
acaaatTTTT	attgttaatg	tttctcatcc	tgaaattatg	ggatacagcc	tagcagtttg	360
tcctcacttg	gcagagtagg	taaccctggc	tctcacactg	agcccccaag	agtccttttg	420
gttttactgg	tgtcagggat	tacagtcagc	aaacccact	catttacagg	gtcaggtgta	480
cagggctgag	ctggagggtt	agggtcaggg	cccctcagga	aactctgggtc	tggcacagca	540
gcagcaggga	tgccactctc	cctttgtgga	atccttctta	atacaagagt	gagaagcaga	600
agagcaaacc	acaaaggaat	tccagctcag	accccaaagt	acctgggaga	gctgcaaaca	660
gccatggaga	taagagaggg	ggggagggaa	cacagtgact	gagtctgaga	gacagcaaag	720
cacctctcca	gcgaaagcca	ctccgagatg	cagcctaact	tcctagtttg	catcagcaag	780
atgagcaggc	accacatgg	aaagagcacc	tggggtgtag	ctggttacca	cagctcagcc	840
acattcccca	gaaacggagg	tcagccctcc	atggcccagg	aaaacatggg	ggatgaaggg	900
ttggcacctg	cagtgaccag	atggagatac	aatgcaggca	gctgctacca	tgcttgggtga	960
ccaggggtaca	agccctgat	gagcttgcca	tggcagccaa	ggacactggg	gccggaggaa	1020
cgacaggggc	ctgcaaaggg	acatccgagg	agggggaagc	aagctgggag	caagaccagc	1080
ccagctaggt	ttcaggggcaa	cagcaaagcc	ccagagacat	ggaggcagat	gagtcaacct	1140
tgctgggtga	gaagttagct	tgcactgcat	agggcaagaa	gaaggtggac	cccactctc	1200
caggaggctg	acagtctcag	ccaggataca	tggagggtcc	aggtcacaag	gaagggggct	1260
atggtgagca	tggatggaga	aaggtaggct	tgctgtgtgg	aagggaaggag	gaggggaggg	1320
gaaggggtgag	caaagtgggg	ctgcaggcat	caggctgtgg	ctgatctgtg	gtcagcctgg	1380
agctcagagg	cagttctgga	ttgacaggac	acatggtgtg	gccacacagg	tggggggaca	1440
gtgatcccat	agtccccagg	gagtgactgg	gaggcagaag	attggaacag	gacagagaag	1500
ggcaaagaag	cacatggctc	atgctttaaa	ggtgttttta	tgccaagaca	agggggcgag	1560
gacctcatct	tgaggtgaga	agaagtcgtt	gccctgccag	tccagtgggt	tgaacatgaa	1620
tccagcccag	tggacagggg	aggcccaggg	agaggtgggt	agggagggca	tcctgcagag	1680
gctgggggaca	aggaggatgg	cacagaatgc	catcacagcc	aggggagttc	ggcagggtt	1740
ggcggaggcg	ccaaagttac	cagcaagcta	gaaggcaaca	actgatagcc	ctcacaggaa	1800
ccttcttgtg	tagaccaca	gaagctccct	atccctgcct	gctttgcctg	actctgaaat	1860
gccagacagg	cccatttcta	ggtctgttct	cctgaaaata	catctttggt	gctgggtaga	1920
tctgaatcc	tgagaataca	agtttctgct	cctggataca	cagtcacatg	accagaaga	1980
tcccagccca	gtggctaggc	caaggctgca	gtccactcct	tcacccacag	cccgttctcc	2040
ccaagggtct	cacttcatcg	aaggcgagca	taacacagta	gggtggcctc	cactggtctg	2100
cccagctca	gcaaccatgg	ccaggagtaa	gtccactctc	caggggtgaga	agcctcggtc	2160
ggaggagatg	acacccactt	agggttcaca	gccccttcc	gtgtcagttc	caggaacctt	2220
ggatcacaga	catggcctca	cccagacaag	gacacgaccg	tgcagcctta	agatgtcaga	2280
gtcccaagcg	cgggggagaag	ggctgcaagc	cacaggtggc	cacgtctggg	attcaccagc	2340
tgctctgctc	agacctggct	tctccagaca	cgctgtggcc	ccagctctgc	ctggctctct	2400
agcacctggg	ggagggggga	ggggctgggc	cttggtttcc	ccgagagagt	ccctttcaca	2460
catgggacca	gccaacatga	gctcatcagg	tcacaggcag	ccgcagcctc	ctgccacaca	2520
ggaagaagat	tcctgaccca	caattatcat	tgcaaaggag	tattttg		2567

<210> 3166
 <211> 1893
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (284)...(766)
 <223> similar to gil055163 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3166

ctgaatccat	ggaaaaaacgc	tttacaggac	ttctgcttac	cttttctcag	aatcaccagc	60
cttcttcagc	accacctttt	tggggaagat	ttacctagct	gccaggaaga	agaagaattt	120
tcagttcttg	ccagctgcct	gggacttctg	ccaacgtttt	accaaacaga	acatccattc	180
atcagtgcct	cctgtctgga	ttggccagtt	ccagcatttg	atattataac	tcattggtgt	240
tttgagataa	aatcattttac	tgaagacat	gcagaacaag	gaaaggcctt	gcttatccaa	300
gagtcaaaat	ggaaattacc	acacctacta	cagttgcctg	agaattataa	caccattttt	360
cagtactacc	acagaaaaac	ctgtagtgtc	tgcaccaagg	ttcctaaaaga	tcctgctgtt	420
tgccttgtgt	gtggtacttt	tgtatgcctg	aaaggacttt	gctgcaagca	acaaagttac	480
tgtgaatgtg	tactgcactc	tcagaactgt	ggtgcaggaa	caggtatttt	ccttttgatc	540
aatgcatcgg	taattatcat	cattcgaggt	caccgcttct	gcctctgggg	ttccgtgtat	600
ttggatgctc	atggagagga	agaccgggat	cttaggcgag	gcaaacctct	ctacatttgt	660
aaggaaagat	acaaagttct	tgagcaacag	tggattttct	atacttttga	tcacatcaat	720
aaaagatggg	gtccacatta	caatgggctg	tgactctcca	cctcagcatt	gcacgtatc	780
atcattttcg	ctacgaattt	atttttcaac	aataagcttt	aacttaattt	gggggattaa	840
cacttttgc	gagggagaaa	aagaaaacat	acattatgaa	gcctttccaa	aattaggtgc	900
ttggtaaatca	cgttaatgg	ataatttttt	ttttttaata	tctggagaac	attaataaca	960
agttaaatta	ttcttttagt	gtcatttttt	aagtgcacaa	ttaataagaa	gcacaacttg	1020
ttcacaaact	cattcagaaa	tgattctccc	aacaatgcat	atcagctatt	cattgatact	1080
tagagtgggt	gtgattttat	tgacatttta	ctgcttcttt	ctgtctgtgt	gttttaattt	1140
gcactctgcca	agcataatgc	atcttttttc	ctctgccatt	cttgtgttga	ttggagaatt	1200
tttctgtatg	taattagaaa	aaaatgtaaa	acatgattta	tgtgaaatac	tgtatagtaa	1260
aagttggtct	aatagtagaa	ctttaaaatt	ttttcttatt	gtgaggaatc	tgtaaaaagt	1320
ttaaagcttt	gctgaaaact	gaattcattc	tcaggaattt	cataaatctt	ctccccaggt	1380
aaataattga	aatagctgta	aaataagtag	atagctgctg	ttaatataat	acagtacatt	1440
ttggggggca	tatgtgtgg	tgggggggtc	ttaaaaatca	aaatttgcca	tttcagttgg	1500
atgaattact	agaggtaata	acaaatctta	ctataaaatc	aagaggttta	agaacataca	1560
ctgggcagat	gttgattccg	tgcatgcccc	ccttttatta	ccaaacaagg	ttttgtttat	1620
atgattgtat	tagaaatgct	cagacttccc	cagaaatgaa	ccataaattt	tggaacttcc	1680
tttcagctca	agaggttcag	ctatatgtga	tttgtgcagt	ggtaatcact	acctatttct	1740
ggctcggggt	tcctaaaag	gaaaaaaaag	gcggcagtg	gtgatgacct	tcatggaatg	1800
agccacgctt	cctgcattcc	tccttaggaa	ctggctgtgg	aaaaccaatt	tatggtttgc	1860
aggggtttta	aaatccagta	aaaatggggg	atg			1893

<210> 3167

<211> 952
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (40)...(851)
 <223> similar to gil68455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3167

accaccactc	cagctttgca	caaggagatt	tggtctgatt	tcacagtttc	agtcaccacc	60
cctgtgcccc	agcaagaagg	tcacctagac	agcgagagcc	caaccaatat	cccactgaca	120
aagcaaggag	gttccaggga	tggtcagggc	ccagaccctg	tctgcagtca	acccatccag	180
cctttgtctt	ggcatggaag	cagcctggat	ccccagggcc	caggcgacac	cctaccaccc	240
ttgccatgtc	acctcccaga	ccttcagatt	ccaggtacct	cacctttgcc	tgcacatgga	300
agccacctgg	accatcggat	cccagccaac	gccccactgt	ctttgtcccc	ggagctcccc	360
gacactcagg	ttccagctac	cacacctttg	cccctgccac	aagtcctcac	agacatctgg	420
gtccaagccc	tcccaacttc	acccaagcag	ggaagcctcc	cagacatcca	gggtccagcg	480
gctgcacctc	cacttccgga	gccaagcctt	acagatacac	aggtccaaaa	actcacacct	540
tcgttggagc	agaagagcct	catagatgcc	catgttccag	ctgccacacc	tttacctgag	600
agaggaggct	ctctagacat	tcagggcctc	tcaccacccc	cagttcagac	caccatgggt	660
ttgtccaaac	caggaggctc	cttagcctct	cacgttgcca	ggaatctatg	ggccttcaca	720
gggccagggg	tcttgatgcc	ccttccacat	gtgagccagg	acatgaggct	tcctgaagc	780
aaggatttca	gccagatgcc	atagaccctc	agaacttgac	ctggaagtcc	agacactgaa	840
cgcaggcctc	aaaactgctg	cggccttcca	actcctggta	tctgcatcgg	cgaatggccc	900
ttcttgcctt	gatccacagg	gatggggaag	ggaatgtcat	taatgttttg	tt	952

<210> 3168
 <211> 3036
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(1310)
 <223> similar to gi4959382 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3168

ggctttgttt	atctccatca	tcattccaaac	agactaccaa	tcttgatccc	agcccaatct	60
tgggcccttg	aaaaaataac	ttaacatcct	aactacaagg	gagaaactcc	tttcaaatta	120
atgaacctgg	ctgacttata	tagccttaaa	attatggaaa	tgacaagggg	tacaatgtca	180
gaatgagcag	taaacccttc	ccagtcctat	cagagcaaac	tttctggggg	tgcaccccct	240
cagaaaccca	tttggggccc	aatctcaatg	cacatatcag	tgcgcaaagc	actaaaattc	300
caggcaacac	tttgtattga	gagaagccaa	aattttgggc	aggccctggg	acatctaaag	360
tcaccaatgt	aactacacca	tacagattaa	accctcacat	gatcatgtaa	gctatgcagt	420

tacccaagct	gcatcattta	gaaaacctgt	acagttttta	tggaaccat	ccctagtcaa	480
ggacacttta	aatatatagt	ctaaataccg	ttaaggtagg	cccactagct	gtgttcacat	540
tttcccttgg	ccaccttacc	agggacttta	ataacttggg	aaagtgaaaa	caacaagcta	600
accacatgt	tcaccataga	aaacaatttt	gtcttgaaaa	acaaggactc	ttttcccggt	660
gtgggaccag	ttcctactta	tgttttacca	gccaattgga	ctggaacctc	tacagttggt	720
tatttagccc	ccgaaattaa	tatagctccc	aacaaccaat	ccttcattat	acttttaact	780
gcaaccacca	gacacaaatg	agccatccaa	ctgataccac	tttcggtaga	gctaggaata	840
acagcaggag	taggaatgag	agtttagcagc	cttgagttt	ccctatccta	ttaccaatgc	900
ttgtccaagg	attttatgga	aagcttaggt	gacattgccc	aaaagtatca	tcaccttaca	960
aaatcagata	gagtccttgg	cagtgggtggc	tttgtaaaat	agaaggggac	tggatctcct	1020
aaatgctgaa	gaagggtggt	tatgtctttt	tcctagagga	agaatgctgt	ttttatgtca	1080
accaaacagg	attagtaagg	gatgccaccc	aaaaactagc	cgattggtac	cataagatat	1140
gacaacagct	gtctgagtca	tggggcgctt	agtcaaaatg	ctaatttggg	gctcacatct	1200
ccttcctctg	gccagtcacc	tattaattat	tatacttgcc	ttggcttttg	gatcatgttt	1260
ggtaaattctt	ttaaccagat	ttatttcttc	ttgcctagag	accattatga	taatgcagca	1320
gggccaccag	tcagtttcag	ataatgatgt	caaccccggc	caccaagaag	taacctgtgc	1380
tccactagac	agagcagggt	gcaggaattt	agccaattca	gaggtcttgg	tctccataat	1440
ttggaatttt	ccttcggatt	tgatcaagtt	ggatagagtt	ggtcaaacc	aatgggaaaa	1500
agatgaaaac	aacaagaaac	agaaacaaac	agcaacaaca	acaacaaca	aaacaatgca	1560
tttaattaaa	ttaagatgag	ctcatgctgg	agtaggggtg	actctgaacc	cagtgggaca	1620
agcgtcctta	ttaagaagag	ggaaatctgg	acacacacag	agcagagacc	gccgtgtgaa	1680
gatggaggca	gagatcggag	agatgctgcc	acacgccaca	aatgcctggg	gctcccagaa	1740
actacacgga	gcctccccc	gcggcttcag	caggagcatg	gctcggccaa	cactttgatc	1800
ttggtcttcc	agcctccaga	acgggtgagtc	gttttccctaa	aattcccttt	tcactgggtg	1860
tgtggtgcaa	gatgaggcac	attttccatg	gatggtgaac	agagggagga	gccttttgat	1920
cacaaccagg	tcaccccact	tctaagccac	tgtgcctcca	gccccacaag	actaaggaga	1980
gagagcgcag	cgtggtggag	agtgaagctg	gctgggacca	ttgtttccgt	aacctcggtt	2040
tctgtgtcca	gctgacacac	cttcaaagtg	gcatacaggtc	ctaaactgta	gcttgcaatg	2100
tgccgttttc	cagaaaccaa	ggtgaaagtg	cttttagaca	gtgttcccat	gcaagagtcc	2160
cttcccagct	tttttctgga	aatgcatgtt	tctctgaact	ctgagtccca	agaaaaatca	2220
cttgagacac	caagaaaatg	ggggaagtgc	taaaattgtg	tgggaattca	agcttaacaa	2280
taaacatcaa	gacatttttg	ataaaaatga	atccactgac	atcggggagg	agcaagagaa	2340
cagcacgctg	acactgggtc	agaggctaag	accgacattt	ctgggaacca	ctcccggaag	2400
ggcacagagg	agacgctttc	agcctctcat	cagccagcct	ggcctgtagc	tgctgcacgt	2460
tatgagtgtg	ttcctggcat	gactgcttct	aacagcgacc	atttcattaa	gtttttaagt	2520
gcctggtaat	tgcttggtta	tgaccggtgt	ctgctccatg	gcagcctctt	cctgaagaaa	2580
tgctgaggca	gtgtcacgct	ggtgtctgtc	ctccttacag	aatgcctgaa	cagttccatt	2640
gactcaaagt	gaagatcaaa	agaaccaa	gacagcaata	gccaaagtga	atcatcagta	2700
accctgtgtt	ctatccacag	gtaaaaaaca	atcatcctct	tcattatggg	tttcaatttt	2760
aaatgtaata	cattttttaga	aatgcctatt	tccttttata	atctctttat	ataatctagg	2820
ttattctggc	tcttaggtct	tcatttagct	actgaaaaga	tttgatctca	aatcaatgat	2880
ctaaccaccc	atgacctct	cccacctctc	tcccggtaca	ccccccagca	tgaattctgg	2940
gaactcaggt	aaaatgcttt	ctggaaacct	gcctgtatta	gtctgttgtc	aagctgctaa	3000
taaacacata	cccgaacctg	ggtagtttat	aaagga			3036

<210> 3169
 <211> 1387
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1388)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (11)...(631)

<223> similar to gi2384940 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3169

agagatcgcg	gagagacgca	taacgcagcc	cgctcctcca	gggccctcca	ggccctccgg	60
ccccgggccc	gcgggtgaac	tggggggccc	cgggacaggc	cgagccctct	gccctgcaga	120
taacggaggc	ctctgctgtg	gctgcccact	ggctgtgccc	gcccactggc	tgtgcccaga	180
ccttgaagcc	gcagcgaacc	tctctttccc	acccacctc	ggtgactaat	ggcggccgtg	240
gcgtctccca	gcccggaccc	cgccggcacc	cgggtctccc	gacccaagcc	tcgacgaaac	300
ccccgcagag	ccgccgggac	gcagcgccct	tgggcggcgc	tgggcgtggg	gggccgggaa	360
gtatggcggc	agctcgaacg	ccgcgcggcg	gaggccatta	aggcgtggac	ggcccgggaa	420
ggcggcctag	ggacgcaagc	aggctcggcc	gcctctttag	gccacggagc	cgcgagatc	480
cggttcccgg	gtgaccactc	tgtcgccatt	gggcgagacc	tacctagtcc	tgacgacaac	540
ggacaaaggc	cttaaggggc	ctggaagggt	agcgaagtcc	cgaacgacga	cgggtggaac	600
ggtttagcgg	catcgggcgg	ttgggtcttca	ttctaccaga	ctttgctgtc	ggaagagaga	660
aatggtagaa	tgacaggcca	cgtttgcccc	gttggaaatg	cccaccaccc	tctgggaaga	720
tttactggcc	gtttatggaa	ggcctgtgta	tataatatga	aaaagctgct	ctcaactcca	780
ccccaacctt	ttaatagaaa	acatttgtca	catctagccc	ttctatagat	ggaaagaggt	840
tgccgacgta	tgataaaata	gagttagaaa	gttacacatc	ttgtaaattc	tcatttgttt	900
aaaagaaatc	atagaaaata	catgtcttct	ggagatgact	tttggaaatg	gagttgttaa	960
gacggcctct	ggaagcgata	cgtccacggt	tgtaaagtgg	gtagatgac	atggagctgg	1020
aagacctgag	aaggaagaga	agaaggttct	atgctagact	ggcatatatt	agaagacatt	1080
ttcatattct	atccattggt	ttgtgtgcat	tttattcctc	actactgtgt	atatagttga	1140
caatgctaag	cttttttgaa	atgtctcttc	tttttagatg	ttctgaagtg	cctgatatgt	1200
taaaattaga	ggtagcaaaa	tcacattttg	taaatacctt	tttgttacaa	ttcataggaa	1260
atatttttgg	gggggaatgg	ccaaatcacc	tgttgagtaa	tactcattgt	gtttgtgcag	1320
tggttcangg	gaggagagag	gtgggggggt	gccgttggtg	ggagagacaa	aaagagggag	1380
agtgtgc						1387

<210> 3170

<211> 2744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2735)...(727)

<223> similar to gi5689399 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3170

tttttttttt	tttctatata	taaaatcttt	attacaggca	gtattgggcc	atacacttaa	60
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cacaatacca	acagtacacg	gtttaatctt	tcaaaatcat	catttaaaca	gcaaaagacc	120
caagaaataa	aatttgagtc	aattatTTTT	caaaatattc	tcaatgcaca	ttatccttaa	180
ttcccttatt	atagtgaaac	atacaaatac	agaaaaatac	cccatttaac	aaatactagt	240
gttaaattgg	tatttggtct	aaaatctgag	ttaagaaaat	cctttttagc	aacctacata	300
cagataagta	gcaaacttta	ttatattaaa	caaattcatt	ctgctaaaac	atgtaaagaa	360
tttcatccat	catgtattct	gatcccagta	caagtgttta	ttctcttacc	gtcacgattc	420
ttatatgaag	gaccaactca	aagagttgtc	ctagatataa	ccttatcctc	ttccccaaca	480
cacttcatcc	aaaagtctgt	tcaacagatg	gcaaccgggt	agcagtcact	tcaccatctg	540
atgccagtgg	ttccgtgaga	gcgtggccag	gcctgtgaaa	cagcccattt	tcctacctac	600
tgtgggttgc	tgcctcaggag	gaacgatata	cgccaatata	agcaggaaat	ctgcagctcc	660
tctgctatgt	gcctcagaac	actttcaatt	tttctggtca	atgctctgat	taggtatcat	720
acataaaaagc	cagcatatta	gtttaaatct	ttaaacaaaa	aactatattt	tcctaaagtca	780
ttatcatttg	ggccaattaa	gtgatctttt	cgtgctttgt	tgagcttcat	ctttagggca	840
tctctctctt	cttcccattc	atgaagttcg	gcatttccat	gtgcaaattt	acagctgttt	900
ccttctgggc	aggtgccatt	catataccta	tcacaaatac	tgaaatagcc	tgttgggaag	960
cgggtgctgcc	agcagtactg	gtcgtcctcg	gtgtggaaaa	ccttctcttt	gtgcttctcg	1020
gaggagatgt	ggccctgcca	ctgcttctca	ctgttgagct	tttcccaaca	catccagcag	1080
tgaaagtcca	ctgtaacttc	agcataatct	gttggtcatgt	gaatttggtt	tccattttcc	1140
ttgtttgact	gactggctat	gtcttcactt	ttttcatttt	tttgactctt	gagccatagt	1200
tcgtaaaatt	gctccatata	ttgtatccca	ttctccttca	tgtaagtcca	aacttctctt	1260
tcctcaggac	tatgagcaaa	ggaacagttt	cccacatatt	gacatttttt	cccagaagca	1320
atatggttgc	acagatcaaa	ctgtaaaggc	atttgtttct	ttgtggggag	aggacggatg	1380
ttcatccact	tcttacgttc	aatagacatc	actctcatcg	cacgccggtc	tttgggtccac	1440
gaatgccttg	cttttgcact	acaatatatt	ctgtttttgt	ctggttcaat	gacttgaccg	1500
tttctcagac	actgggcgca	cacaaacttt	atcttcatac	taagaaatcc	aggcattatt	1560
tgattaccaa	gtacctgcgc	tccaggtaca	tttgcttcca	aattctgcca	atatcgttta	1620
gactcttgag	caatagcatc	atgtgagata	cctgtttcat	tttgcatatt	ccagactttc	1680
agttccacaa	gactatgggc	ataaaagcac	tcactttccc	ttaaacagcc	ataccgaact	1740
tcagtctgac	ataaatcaag	ctgacactga	ccatgaaaag	aacgtatttt	ggagtatttt	1800
actgttgtct	ctcgcaaaat	gtggacaagg	cacttattgt	cttcaaactc	atgctttgta	1860
accgggtgag	aacaagcagt	agaattatct	ttatttcttt	tacttatcat	tctaggctta	1920
tgatcaaaaac	atttctcaca	aaggaatata	aattccccaa	gatgctcctg	gagaagtttg	1980
aacacagtaa	ggttaatctt	tccattgccg	ccaaagaaaag	cctcccggct	gaatgctcct	2040
ttccgtctca	gtgtccacac	atctatctcc	tcttggcaat	aagcaaacgt	gcagtggcct	2100
gaatatctac	attcctcctc	agcagcaaca	tctttacata	tataatatgg	tccttcataa	2160
tttgtttttg	ttggtcttgg	acgtattttt	ttccatgatt	tatcttcaac	attctttatc	2220
ctaccgatta	aaatatcttt	cttacactta	tgatctatgt	tagcatggta	agtgaatcc	2280
attaacttag	ggcctgattt	tacaaaacag	atctggcaag	cttgtctcaa	ttcatgggtt	2340
ccttcgaggg	gatgtcttgg	agtcactgat	gaagatgggt	tggttaactgc	acttccaaaa	2400
aagtttccaa	agtcatttct	aggetgactt	gaaattccca	ggaaattctc	tgaagcaaac	2460
aaactacctg	gtccattcat	aagtaaaagg	gaagaattac	tggtgttaaa	gcgggtgttc	2520
ctctctagaa	ggtgaggtgg	acagatctcg	tttgatttca	ctcattgaaa	atgaatttaa	2580
agaagaacag	aaatcttcta	aggatgaagt	caaaggtgga	taaaattctg	agaaggaggg	2640
tggaggagca	tacctcgcac	caatgggtaa	ggttcctaac	agcgatgccg	aaaagggcat	2700
gctaggagag	acaatggctg	tctgaagggg	tcctctgact	aaag		2744

<210> 3171
 <211> 1145
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(1146)
<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (952)...(549)

<223> similar to gi552195 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3171

tcaaaaaaaaa	taaaaataaaa	atacaaaaac	aactttcccc	cataccactc	cttatccccc	60
acccccatcc	tctatcccct	atcccctatc	cttaatctct	ttgtaactgt	tgctcactcg	120
ctctctcact	ctcatgtgtg	tgctctctct	cacatacacc	acacacacac	acacacccca	180
cctacataat	ttcttctctt	acacctttaa	tataaatatc	tgagttttgg	ttcagttttg	240
caaacattta	aaaggcaaac	atgggtatctt	gcttggttca	gcatttaata	aggtagtgc	300
tacttctttc	atatggaagg	aaaacatcat	attaagttaa	tatttaaacg	tacacaatta	360
taatttgcaa	aaaaaaatca	agatgataat	ttcttaaata	gtaaattgaa	ataaatgata	420
ttttcctagc	atgcttggtc	ttcagcaata	ataagaaact	gagataagaa	tgaggcagc	480
tgaagttcac	ttcagcctga	gtgcaagtat	acacaaaaca	gcaaaaatat	tacatagaaa	540
ataaatgttg	tccattggat	tgagtatggt	gtaccatttt	gtcacagtgt	tcatattcat	600
agttgtggct	atctttgggg	tactgctgt	attcagactt	gtcttggaat	ttggagtc	660
ctagggattt	gaggtcattt	tgagatttgg	gcttggtcca	ggattggtgc	taccatttgt	720
cacagtattc	atattcatag	ttgtggctct	ttgggggtcac	tgctctattc	agacttgtct	780
tggaatttgg	agtcattctt	ggactcgagg	tcattttgag	atctgggctt	atcccaggat	840
tgggggttcat	tctgggattg	gtgctcttcc	tgggattagg	tctgggtccc	ggattcaggc	900
ttgacgcagg	attggatact	gccatagaat	ttgaggttgt	tgatgttgaa	gtttgtcccc	960
ggaatgttaa	caaacatgaa	gagcaggcca	atcgggtgata	gcttgaacat	catcctcctc	1020
ttttgatatt	tttctccgaa	gagtaagaat	tcagtctttc	tccagcgaca	aagcgaccgc	1080
ccacgcgtcc	gcgggacgct	gggcggacgc	gtgggtcgac	acgagaanna	agccnggtag	1140
tcatt						1145

<210> 3172

<211> 569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(504)

<223> similar to gi4894364 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3172

aaggccttat	gagtgcagtg	tatgtgggga	attgtttagg	tacaactcca	gccttggttaa	60
acattggaga	aatcacactg	gagaaaggcc	ttataaatgc	agtgaatgtg	ggaaatcatt	120
taggtaccac	tgaggctca	ttagacacca	gagagtccac	acgggagaaa	ggccttatga	180
gtgcagcgaa	tgcgggaaat	tctttcggtta	caactccaac	ctcattaaac	attggagaaa	240

tcacactgga	gaaaggcctt	acgagtgcag	agagtgtggg	aaagccttta	gccacaagca	300
tatacttggt	gagcaccaga	aaatccacag	tggagaaaga	ccttatgagt	gcagcgaatg	360
ccagaaggcc	tttattagaa	agtctcacct	ggttcatcac	cagaaaatcc	acagtgaaga	420
gaggcttggt	tgctccatga	atgtggggaa	ttcttttagct	aaaactccaa	cctcattaaa	480
catcagagat	ttcacaatgg	agaaagttaa	ccattgacta	ttgtaattgg	gtagtaatgt	540
tatataaatt	ccacattttt	atgcaacta				569

<210> 3173

<211> 2371

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (224)...(1153)

<223> similar to gil255425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3173

ctacatagta	aacttctctt	cagtagggta	aacgaatgct	aaaactctga	gacctctgtc	60
agctgaagtc	ataagaaaac	tgcatatttg	ttggaagaaa	ataaagaaat	gaagagctgc	120
taagcatgaa	taaggactgt	ctctagaaat	taaaggggaag	cttttaataa	acacatattt	180
ttctctcccc	gaacttcctt	cccccaaatt	caggagttgg	ccgaggaaaa	gatattctcca	240
ccatcacagg	tcattcgtgg	aaagacatct	ctactatttt	ggatgaagaa	agaaaagaaa	300
ataaacgacc	ccagagggca	gctgctgctc	gaaggaagaa	acgccggcga	ttaaatgata	360
tggaacagta	tagcaacctg	gatgaagaag	agagcgagga	tgaattcaag	atcagtgatg	420
gatctcaaga	tgagtttggt	gtgtctgatg	aaaaccagaa	tgaaagtga	gaagatccgc	480
catctaata	tgacagtga	actgactttt	gtagccgtag	actgaggcga	cacctctctc	540
ggccaatgag	gcagagcagg	cgtttgcgaa	gaaagacccc	aaagaaaaaa	tattccgatg	600
atgatgaaga	ggaggaatct	gaggagaata	gtagagactc	tgaaagtga	ttcagtgatg	660
atttttagtga	tgattttgta	gaaactcggc	gaaggcggtc	aaggagaaat	cagaaaagac	720
aaattaacta	caaagaagac	tcagaaagtg	acggttccca	gaagagtttg	cgacgtggta	780
aagaaataag	gcgagtacac	aagcgaagac	tttccagctc	agagagtga	gagagctatt	840
tgtccaagaa	ctctgaagat	gatgagctag	ctaaagaatc	aaagcgggtc	gttcgaaagc	900
ggggccgaag	cacagacgag	tattcagaag	cagatgagga	ggaggaggaa	gaggaaggca	960
aaccatcccc	caaacggcta	caccggattg	agacggatga	ggaggagagt	tgtgacaatg	1020
ctcatggaga	tgcaaatcag	cctgcccgtg	acagccagcc	tagggctctg	ccctcagaac	1080
aagagagcac	caagaagccc	taccggatag	aaagtgatga	ggaagaggac	tttgaaaatg	1140
taggcaaagt	ggggagccca	ttggactata	gcttagtgga	cttaccttca	accaatggac	1200
agagccctgg	caaagccatt	tgagaacttg	attggcaagc	ctacttgaga	agtctcagac	1260
ccccaggagc	aaccagcaca	gccagtgcga	gccttagcct	ccaaatggga	caagtgggtg	1320
ggcaggaggc	aggagcacca	gaagaggagg	aagatgagct	tttgagagtg	actgaccttg	1380
ttgattatgt	ctgtaacagt	gaacagttat	aagacttttt	ttccattttt	gtgctaattt	1440
attccacggg	agctctcaca	ccagcggggc	agttattaaa	agctgtttaa	tttttccctg	1500
aaaactccac	tacagaatga	cttttagaag	aaaaatttca	acaaatcctg	aagtctttct	1560
gtgaagtga	cagttctgaa	ctttgaagat	aaataattgc	tgtaaattcc	ttttgatttt	1620
ctttttccag	gttcatgggt	cttggttaatt	tcattcatgg	aaaaaaatct	tattataata	1680
acaacaaaga	tttgatatatt	tttgacttta	tatttccctga	gctctcctga	ctttgtgaaa	1740
aagggtggat	gaaaatgcat	tccgaatctg	tgagggccca	aaacagaatt	taggggtggg	1800
tgaaagcact	tgtgctttag	ctttttcata	ttaaataatat	attatattta	aacattcatg	1860

gcatagatga	tgatttacag	acaattttaa	agttcaagtc	tgtactgtta	cagtttgaga	1920
attgtagata	acatcataca	taagtcattt	agtaacagcc	tttgtgaaat	gaacttgttt	1980
actattggag	ataaccacac	ttaataaaga	agagacagtg	aaagtaccat	cataattaac	2040
ctaaattttt	gttatagcag	agtttcttgt	ttaaaaaaaaa	ataaaatcat	ctgaaaagca	2100
tttgtacagt	aaaatgtata	atgaagcttt	gccaaccaga	ctgtgctagc	aacaaatttt	2160
tttaaataag	ctttatgcag	tggttaataag	gtggcctcaa	atatattgtg	tctgatggag	2220
agttattagt	gaaatgaatg	tggtctttct	taaggcctgg	atggactgtg	tagcaattcc	2280
ttgatgtcca	gtttggaaa	atgtactctt	ctcaacaaga	aaaacttaaa	tccgtcgtgc	2340
ccaaatatag	ttgtgctttt	atttccaaaa	a			2371

<210> 3174

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (736)...(93)

<223> similar to gi2065209 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3174

ttttaacatt	tttaatgtac	tggtattgcc	atthgtagca	gatgctgatt	ttaaagttaa	60
caatacatgt	catgctatag	gtcaaata	ggggctctgg	ggtgtgtaaa	ctgggctcaa	120
gtctgggaaa	ttgattgagg	ggccgtgatt	ctgtttta	aattcaaatt	agtattttgt	180
ccatttgacc	tagaagtttt	ctgcttgat	aaattaagtg	ggaatgcagt	aggcttctta	240
tcagtttcac	ttccaggaac	accataatta	attagcccaa	tgcccaagtt	ctacacaagt	300
cagactat	tgattgctgc	tttgcttctg	ctgtccatt	acagtagcta	cgcccacctt	360
acctttgata	gttgagtgcc	cgtcacttgg	gcccctgcta	ccctccggat	ccagttattc	420
ccattttgta	tttaaatttt	gtagttgagt	gactgagggt	cccactgtta	gatctgacat	480
acagagaagt	gcaattatag	ggttcttcaa	agatgtagct	gctgcccttg	taaatctggt	540
ttgcaaggca	tcagtcaagg	gtatatcttc	tggaccctcc	cagctgggat	gagtaggtct	600
aaagtgacta	atccactcca	ccttctgaat	ctccctaagc	ctttggatcc	cttctctctac	660
attaaaccaa	gggagatcag	gcatttccag	ctcaactcaca	gtggggccatc	ttttaatcca	720
tatttcagct	aaccacgc					738

<210> 3175

<211> 1433

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (42)...(1375)

<223> similar to gi2105420 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3175
gcaaggggca gttggtgaac ttgctgcctc cagagaattt tccctggtgt ggaggcagcc 60
agggacccag gatgctccgg acctgttacg tgctctgttc ccaagctggt ccccgctcca 120
ggggctggca gtccttgagc tttgatggcg gggccttcca ccttaagggc acaggagagc 180
tgacacgggc cttgctgggt ctccggctgt gtgctgggcc ccactcgtc actcacgggc 240
tgttgctcca ggcttgggt cggcgactcc tgggctcccg gctctcaggc gcatttctcc 300
gagcatccgt ctatgggcag tttgtggctg gtgagacagc agaggagggt aagggctgcg 360
tgcagcagct gcggaccctc agcctccgac cactgctggc agtgcccact gaggaggagc 420
cggactctgc tgccaagagt ggtgaggcgt ggtatgaggg gaacctcggg gctatgctgc 480
ggtgtgtgga cctgtcacgg ggctcctgg agccccccag cctggctgag gccagcctca 540
tgcagctgaa ggtgacggcg ctgaccagta ctcggtctg taaggagcta gcctcgtggg 600
tcagaaggcc aggagcctcc ttggagctga gccccgagag gctggctgaa gctatggact 660
ctgggcagaa cctccaggtc tctgcctca atgctgagca gaaccagcac ctccgggcct 720
ccctcagccg cctgcctcgg gtggcacagt atgcccgggc ccagcacgtg cggctcctgg 780
tggatgcgga gtacacctca ctgaacctg cgtctcgtc gctgggtggc gccctggctg 840
tgcgctggaa cagcccgggt gaaggcgggc cctgggtgtg gaacacctac caggcctgtc 900
taaaggacac attcgagcgg ctggggaggg atgcagaggc tgcgcacagg gccggcctgg 960
ccttcggagt gaagctggta cgaggtgcat atctggacaa ggagagagcg gtggcccagc 1020
tcccatggaa atggaagacc cccccactca ggctgactat gaggccacca gttcagagtt 1080
acagcccgtc gcctggaact gatgctgacg cacgtggccc gccatggccc catgtgccac 1140
ctcatggtgg cttcccacaa tgaggaatct gttcgccagg caaccaagcg ggcaggcccg 1200
ctatgtagtg tataagtcca ttccctatgg ctccctggag gaggtaatcc cctacctgat 1260
ccggagggcc caggagaacc ggagcgtgct tcagggtgcc cgcagggaac aggagctgct 1320
cagccaaaaa ctgtggcggc ggctgctgcc aggatgccga aggatacccc actagcacc 1380
ctgaggggggt catgtggtca ataaaagtcc ttagggtgct cctaaaaaaa aaa 1433

```

```

<210> 3176
<211> 1062
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1063)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1010)...(306)
<223> similar to gi311833 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3176
tttttttttt ttccagtcac taatgatctg tccttttgag atctttttact tcagaggaag 60
atttaggcaa gagagcaaca tataatagtc agtgatacaa agaagggcat ggaacatttg 120
gggaacacag gggtttgag ggcctgaagc acaggggtgg tggtattaga aatgtgggaa 180

```

atatgggcca	tgagcctccg	gacagaatgg	gggccaggaa	ggacagcatc	acacactggt	240
gctggaattt	ggggatcctt	ctgtggggcaa	cctcagcagt	ctgggttattg	gccctttttt	300
cttacagcct	ggaaaactgg	accaagtttc	tattgatctc	agcgaccgac	cggcagcctg	360
taaggggcca	tggaaagtgtg	gaactcattt	gttaaaatgt	tcaaaaacttc	cttaacacca	420
tgttcacctt	tgcaggcaag	gccccatagg	attggtctcc	caagaaaaat	gcacttagct	480
ccaagggcca	gagccttctg	cacatcattg	ccagtctctga	ccccggcatc	caggtagtac	540
ttcatgttcc	cctattcagc	agctcctact	tctgtcaaag	catcaattga	agcaagaacc	600
tcataaagct	gcctcccacc	atgggttgaa	acaatgatac	cctggacatt	gtgcttcaca	660
gctaactctg	catcctcttt	tgtcaaaatc	cctttcagga	tgatgggcaa	tcgagttatg	720
ctctgaaacc	aggcagatgc	attccagcag	agagaagtgc	tgataggagt	catctggaaa	780
taaggtattg	catttccctt	tttaggtgat	tgaagatctg	ttagtgtaa	gttctctctc	840
aactggtttc	gaatgtcatg	tcgcctgttg	ccacatacag	gtgtatccaa	agttattacc	900
aaagctttga	aacctaggga	ttctaccctc	tggatcaact	gtttgttcag	ctgcaggtct	960
ggatgcacat	agagttggaa	ccatcggagg	ccttcggggag	ctcttgctgt	gctcatttcc	1020
ccgaattcca	ccacnctgga	ctagtgttct	caaaannntc	ga		1062

<210> 3177

<211> 914

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (694)...(13)

<223> similar to gi433012 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3177

tgccagaatt	cggcaccagg	aaatgagctt	ggctggggcac	cctctctggg	ccttgagggc	60
aagcctgggc	tcctctgaaa	atacaggcag	cttcctttcc	ctgacttgcc	tggaggagcc	120
aggccctgtg	gtgcggtctg	gctctgaggc	ctgtggtoct	gcttgggaact	ggcagtcctta	180
ggctgaggga	acattttcca	gagtatagcc	gagggacaga	atgtctcagt	aagacgggct	240
cggaggggaa	gtgttttggg	aaggcctctg	cttgctctgg	gaggcggttca	ggatgctgag	300
gttttggaaa	tctatggcgg	ctcttcacaa	ctgctcccag	ctttgggagg	aggaatagac	360
gggtgctcgt	ttcctcgggt	tcagtggcaa	aggtgaagac	cagcactgcc	gacctgggac	420
ctgggcctct	cccgggcctg	gggaggacac	tggactttga	aggggaatgc	agcctagaag	480
gcctggaccc	tggagtcagg	agatgctgct	ccatccaggt	aagccctggc	tggagctctt	540
ctgggcacca	accctggcat	aaaaccagtg	gagcctctgg	gcctgcactc	aacagtgcct	600
ctgatggagc	aggttcagct	tggttgtgac	ctctgctaga	agccctccct	ggcctccctg	660
tgcactgagc	tgggtggttc	tcctttgcgc	cccaggtaga	tgctcagatc	tgtgtaccct	720
acactttgtc	ctccagcttc	gtgtttggat	gttcacaact	cccatgagaa	gggccccgga	780
gagctggcac	agtgcattgt	tttctctctc	agacttctac	aaacctggca	cataattggt	840
tgctggaaga	tggcatgttc	ctaaaacaga	ggaagtagaa	cctgaataaa	gcgaaatcca	900
acttcccaaa	aaaa					914

<210> 3178

<211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (7)...(231)
 <223> similar to gil83441 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3178

tagtaacttg	agggatgat	ttccgaggg	gctccctacc	cacactgcag	cggggtcctc	60
gtgtgctcgc	ggatgcattt	tgcagctggc	gacttgaact	gggttgtgca	caagcaccat	120
tggtttgccca	ataagtttaa	cctggatgtg	gaacatagat	gtggacctct	tcgccatcca	180
gtgtttgggt	gagcaccgga	ggcataaagc	tttatagacc	ttaaaacact	gaccattata	240
ggcaatctta	gggtgcattt	tgtgcacctt	tcttattatt	tctatttagt	tcctcttgcc	300
aataagcatc	agaaaaattg	tatggagtcc	tctttggggg	agggatgcta	agtcttcatg	360
cagaaaagct	gcatgggttt	tgcagagcac	aattggctag	aaaggctgta	acattaaatg	420
tttatctaga	attaacatga	gtaggagtaa	aagtggctgt	ggcatcaggg	cgggcagcaa	480
agcattctgg	agcagggggg	ctaggggtgac	tggggaagag	gctgatgaaa	aaaataaatc	540
aattaaaaga	gttcagggac	ttaacaaaat	gagatttgac	ctgtgccaaa	actattttga	600
gaattttaaa	tatgacattt	ttcctgggtat	gaataaattt	atagcaacaa	acaataataa	660
agatacaatt	gatcttgtat	gttatgtatg	ttgacagaga	aatttgattt	tgctctaaaa	720
aagataatag	tgatcaacat	agatggagaa	caatgcc			757

<210> 3179
 <211> 758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (759)...(136)
 <223> similar to gil492075 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3179

ctgtaggaaa	agattaaaaa	aaagtgtgag	ttccttctgg	ggattactgg	ggtagggctg	60
atatttctcc	ggactgcttc	aagtgtgacc	agggactgcg	tggacacctt	aaagaaaatt	120
ttataatgag	tctagtaagt	ttcgggtcta	gggtgcattt	ttatgtagct	aacaagggtg	180
cagtttagcg	atttttgagc	ttggaactgc	cctaataaaa	taagttctct	aaaaacagta	240
atcaggcata	ttagctttta	tgtagggtgg	gatgagtttt	taggccaagg	aaggaataat	300
gttttatgta	ccaaagcctt	ttgtcccat	ttccatcat	acgaatagta	ttccctgttg	360
ctaagccgat	gatacattac	ccttttcccc	ataggtgtga	gtggcggctc	gaaatggaga	420
agttcaatag	ttctgattgc	agatcctatg	cagaagagat	aataacggaa	aataatcttt	480
gtctcctgga	ttaagctgag	gctggcaaag	agtgaatgt	cccaagccct	ctaacaacaa	540
acaacatact	ttgtgtgtgc	ctggatgctg	gtctgggtgc	caaatatgtg	gaactggccc	600

catatgcgtg	tactgttgtc	catttcatga	gagtaggctc	gacggacacc	atggggcaaa	660
ggatctgatg	gttgccagcc	taagcgtttt	agacttttga	cccagagatt	tattgttttg	720
ggtgtggaaa	aaattttcca	gtgaagggtc	tcaagata			758

<210> 3180

<211> 1813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(250)

<223> similar to gil389766 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3180

tattaaaaaa	tagcctgtga	tggccgggca	tgttggctca	cagctgtaat	cccaacactg	60
ggaagccaag	gtgggtggat	cacctgaggt	caggagttcg	aggccgggct	ggccaacatg	120
gtgaaacctc	atctctacta	aaaatacaaa	aaattagatg	ggcgtgggtg	caggtgcctg	180
taatcccagc	tacttgggag	gctgaggcag	gagaatcgct	tgaaccagg	aagtggaggt	240
tgcagtgagc	acgatcgtgc	cattgcactc	cagcctgagc	aacaagagt	aaactctgtc	300
tcaaagaaaa	aacaacaaca	acaaaactgt	gattctccat	ctaacttttt	acaattatcc	360
tttcacaatt	caagaaagt	tgaatgcaag	tcattactaa	cagtatctca	gtaaaagtag	420
tccaggagca	aatattttct	ttttaactgg	gttcccagct	agttccattc	ccttgaattc	480
agtggcaaa	tcactgtcaa	taaaaggttt	ttactcttct	tcctttttga	attgtaactt	540
gcttactgaa	ttcaggaatt	gggtgatcaa	aagataactg	cttattatag	taagataacc	600
ttggaacaga	actgtgatta	aaaacctgaa	taataaaaaa	cacacaagac	ccattaaaac	660
ctattcctca	ctttttcttc	gtgctggctt	catggttgtc	tttgctgtct	tcattgctct	720
ccccgttatg	ttgtggctga	ttaccatctt	gagcatcaga	tcctccattt	agagtctttg	780
acccttgcca	aggaatccaa	tggaaaaact	ttgttaaagc	ttacaaaaca	ataattgaag	840
gtgtccacta	aagatccaga	atcaaaatac	aacatggcca	tcgtgtttct	actacttaat	900
gtcttttatt	tgaaattaca	ttgtaataca	gccctctctt	gaatgttaga	attgggtttt	960
gatgctttgt	caaaaagggg	agcagatgac	caccagaggc	tttgggtagc	taaggcacca	1020
taaaaagcag	gttaactatc	tatgagtaca	ggaagtggat	tattaatctg	attattctgg	1080
ttgttactat	taccaggaat	actacagggt	gttgtaattc	ttagcatatt	catttattct	1140
accacggaaa	agcaatgtga	atcaaatttt	aaaattttact	attttagaac	aaagtgctaa	1200
aggagtattt	cctaattgat	atttttgtgc	ctaataaagg	gggttttctt	gtaagtcgta	1260
ttaataattc	tctaagggga	cccatgtcat	tccccaataa	agcaacaaaa	acaaaaaacc	1320
aaccgactgc	ttttgacata	ccagctttta	ccttaagcag	ctgccactaa	gatgtttaat	1380
aacaagactg	gaggagctga	taatggtact	atgattctgt	tttaagagtc	tttcatacat	1440
tctgaaatgt	ttatgagtga	aatgggtatg	cagggatttt	tcgtaaaaca	actttcaaga	1500
ggggcataga	gaaagcttat	gggctacaaa	agcacaatga	tcataaactg	aactgcaaaa	1560
gctggatgac	aaggacatga	gaagttattt	ctatttgtat	aagttataaa	tttttcctaa	1620
tacaaatgaa	aagaaaataa	ctactgttag	taataagtac	tagcaggatt	taactactgc	1680
taaagttagt	gaaaaaagta	gaagctaagg	ttcagtgcct	tacatatatg	ctacacatct	1740
aagtgccttg	taagacttta	tcaccaggcg	cgggtggctca	tgctgtgaat	cccagcactt	1800
tgggaagcca	cgg					1813

<210> 3181
 <211> 1086
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1035)...(402)
 <223> similar to gi2072977 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3181

tttttttttt	ttgagtgagg	tacgagtatt	accaaataat	atcttctgaa	gatgcttttt	60
ggaaagctct	gaatctatac	ctaagtctct	taattattgg	cttggtttcat	ttttttcctc	120
cagtttttaa	caagatcaca	taactggcct	atctttaaca	gctttgtcaa	actacaattt	180
acatgccgta	aaatgtacac	actgtaattt	tataattcat	tgacttttag	taaattttcta	240
gcgttatgca	tcgccacaat	ccagtttttag	aatattttcca	tgaccctaag	aagtttcctc	300
atgtctatta	atattcccaa	tcctaggcac	cactgagttg	ttttctgtct	ttataagttt	360
ttctttctac	atcttatata	aatggaatca	taatacatgt	agtattttgt	gtctggcgctc	420
ttgcacttag	catggtgttc	ttgaggttca	tctgtttag	tatgtattga	tacttaattt	480
ttttattgcc	gaatactatt	ccattgcatg	gaaaagactt	atcttatttc	taggttcacc	540
agttgaggga	catttggaatt	gttccactt	cttgggctgt	taggaataat	gttgctctga	600
acatgtaaat	aaagatcttt	gtgttcacat	atgtttttca	ttttctgttg	gggagattcc	660
ctaggctaga	aattgctggg	ccatatgaaa	aatcaatagt	tagctttgta	agaaacagtc	720
aaactgtttt	cccaacgtga	cattttatat	tcccaccagg	aatgttttaa	actagtgtct	780
tcaaatcctc	accaacatcc	aggattgtgt	ctttatgatt	atagccattt	ttgtaggtac	840
aaagtggcat	ctcatggtgg	ttttaatttg	catttccata	atatctaatt	aggttgagct	900
ttttttatgt	gcttattggc	catttgtttg	actttgtttg	gtgaaatgta	tacaaatcat	960
ttgttcattt	ttaatttggg	ttgtctgtct	tgtcttctca	ttttattgag	ttaaatgagt	1020
tcttaataat	ctctggctta	caagtcctta	atctatcaaa	tatatgatac	gtggacattt	1080
cctcat						1086

<210> 3182
 <211> 644
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (20)...(513)
 <223> similar to gi2072969 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3182

agttattgac	cttacagatg	aggtagagat	tgagataagg	gtagaagggt	tattcaaagg	60
------------	------------	------------	------------	------------	------------	----

gataataaca	gagaaagaga	tcaatatcca	agaaccagaa	ggttatagaa	caccaagcag	120
gtttaaccca	aagatgatta	cctcaaggca	tttaataatc	aaacttccaa	agatcaagga	180
taaaggatcc	taaaagcaac	aagagaaaag	aaacaaataa	catagagttg	ggctttaata	240
cgtctggcag	cagacttttc	agtggaaacc	ttacaggcca	ggagagagaa	gcatgacata	300
tttgaagtgc	tgaaggaaaa	gaacttttac	cctaaaaatag	tatatccagc	aaaaatatcc	360
ttcaaactg	aaggagaaat	gaagactttc	ctagacaaac	aaaacctgag	gtatttcatt	420
aatgccagga	ccatgctaca	agaaatgcta	aagggagtat	ttcaaccaga	aagaaaatta	480
cattgatgag	caataaatag	tcacctgaag	gcaaaaaaac	ttactggtaa	tagtaagtac	540
acagaaaaac	acgacgtatt	atgacaatgt	aactgggggtg	tgtagactcc	tcttacccta	600
agtagaaaaga	ctaaacaatg	aaccaataaa	aaattataac	tacc		644

<210> 3183

<211> 1281

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (66)...(543)

<223> similar to gi2914671 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3183

tttttttttt	ttacattttac	taaaagtttta	tttcaaactct	gcctccaagt	ccatgtgttc	60
tgaaaaggac	agagggggcc	ttggagtgc	gccagatgga	aggactttga	aggctgtcca	120
agtgtgtctt	tcagagtgc	ccaagttttt	attgtccctg	actgtggctc	cctgcctgtt	180
tgtcaggcgg	gagcctggag	cctgcacagg	gacagagctg	gtttcatccg	gcactcccta	240
gccctggaca	ccctccttgt	ctcgcctgcc	ctcctgcagg	ccttcactct	cccctgaggc	300
tgtcctggcc	cggactgtgg	ggagcacctc	caccccccg	agcaggtgca	cacccaggta	360
agcaggtcca	ggggctgggg	tgggcagggc	tagcttttgg	atcctgagtg	tcactactct	420
ctcctcccag	ggatgccctg	gacctaaagt	acatcaactc	agagcctcct	cggggctcct	480
tccccctcct	tgagcctcgg	aacctcctca	gcctgtttga	ggacacccta	gacccaacct	540
gagccccaga	ctctgcctct	gcacttttaa	ccttttatcc	tgtgtctctc	ccgtcgcctt	600
tgaaagctgg	ggccccctcg	gaactcccat	ggtcttctct	gcctggccgt	gtctaataaa	660
aagtatttga	accttgggag	cacccaagct	tgtcatgtg	gcaacatggc	ccttctgttc	720
cctttattga	tgcatccag	ggtcttaacg	cccctgaggc	tgagccctgc	tgagaacccc	780
agcgtcctg	gccttggggc	agcagctgaa	gccccatgct	gtgtggagca	aagaggtttc	840
ctgagcaggc	acatcccccg	gtgggtacct	ggagctgttg	ggagtatggc	actcaagggtg	900
gagggcaggc	acggcccagg	ggtcccagga	tctgaggccg	ctgagctccc	tgtgtcagtt	960
tcttggaaga	agcagctgca	gcccttgtgc	ctgtggccag	ctggtacaag	acgggtccac	1020
gcccccttgg	tctttttgtc	ctgaatgcct	tactccatag	tctctgggca	gagggagcca	1080
gggcgggcaa	gcttgtgtgt	gctgggaggg	ctggtatgca	gggcagaaag	atggagatca	1140
ggaagactgg	ccacaggcct	ggtgggagga	acaggatagg	gtgaggaggc	tctgggctgg	1200
cggcctggca	ggacttgaac	tctcagagca	agacgtgacc	ccagagtccc	tctccctcgt	1260
gccaagcttg	gcgtgagcag	c				1281

<210> 3184
 <211> 1096
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (904)...(375)
 <223> similar to gil055196 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3184

ggacacagt	aggaggggct	ggataggaga	agcatagtgg	tcatgggaaa	tgaaccaatc	60
attgagcact	gactcttctt	ttgttgggat	tgggtttttt	ggggactgca	gcattctttt	120
atacagcaaa	atgcaagagc	ctggagctgt	gctggatgtg	gtgggtgcct	ggctccaaga	180
cccagccaat	caaaaccttc	cagaatatgg	agccttggca	gaatttcacg	tgcagcgggt	240
gctgctgcct	ctgggctgct	tatcggaggc	tgaggagcta	gtgggtgggt	ctgcagcctt	300
tggtgaggag	cggcgactgg	atgtacttca	ggccattcac	acagcgaggc	agcagcagaa	360
acaggaacac	tcaggctctg	aggaggccca	gaagccaaac	ctggaaggct	ctgtctccca	420
caagttcctg	tcactaccga	tggtgggttcg	ccagctttgg	gactctgcgg	tgagccactt	480
cttttctctg	cccttcaaaa	agagtctcct	ggctgccttg	atcctctgtc	tcctggtggt	540
gagatttgat	ccagcttccc	cttctctcct	gcacttcttc	tacaagctgg	cccagctctt	600
ccgctggatc	cggaaggctg	cattttctcg	cctctaccag	ctccgcatcc	gtgactgagg	660
gtccctgcgc	accacagcct	ctctgctcct	cacgtccgtg	gccacagaag	cagagcgaca	720
gagcgacaca	tccacaggcg	cccctgggga	aatgggacca	gcctaatctc	gcggagtgca	780
ctgtgtcttg	ctgcctgggt	gccctctcct	ttgcacccta	cttcagctgg	tcgcggtaga	840
tgatgtggaa	acaaagcagg	accagcaggc	acagcacctc	cagaacagtg	ccccggatga	900
ccagaggccc	cttgaaaagg	gagggggttg	gggacaggga	ctgtgtccat	gaaacattcc	960
atcttcttgg	tgaaggcaag	gggttggttc	ttcagggtcag	gatgttaatg	gagctggaag	1020
ttcagaaaaa	gcctggtgaa	gtgacccttg	gcctttcact	tcttgagaaa	catacttctt	1080
tgctgggcaa	aaaaaa					1096

<210> 3185
 <211> 1227
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (13)...(270)
 <223> similar to gil710216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3185

cagttttttt	ttttttttt	tgctgcatga	ttttattact	ataaatatac	agtaaaaacg	60
aaccaacgat	gagcccatct	gagcacatca	gacggcagca	catgggagtc	ccagcgggcc	120
actctgcggc	ccgaacttca	cgcaaagctc	tggcaccagg	actgatggcc	agaggctggg	180

gccttggtgg	gggcgggggg	cgggcggtgc	agggggctgt	gtgtgttgtt	ggggagaggt	240
gcatgggggg	agagaggtgc	ttgggggtggg	gtagaggtgc	gtgggagatg	ctcgggccga	300
gtgcacacac	atgcatggga	acatgtgcag	gagtatgtgc	gtgtgtgtat	gcgtgacagc	360
atgtgtgagc	gtgagtgtgc	atgtgtgaac	gtgtgcgtga	gcatgtgcaa	gtgggcgtgc	420
atgtgtgtgt	gtgtacgtgt	gagcgcattc	gcgtgcctgt	gcacgagcgg	gaggggtggc	480
tggcctgggt	gtgcaggagg	ctgggtgtga	ggaccgtgct	gtccactgct	gggtctcgcc	540
caggaggcag	agctcatgct	cggagccacc	gtgagcctca	gggagggtac	tgagctgccc	600
cacagccgac	ctgtccccag	gccccactg	cagggcagcc	ctccagagcc	aggtgagcag	660
cagacacctt	gcctggccca	aggctccgca	ggggtggatc	catgccctgg	gtcaccacgg	720
cccaggcact	ccctttgcc	tctgcggccc	caggaggttt	acctataaaa	aaaacaaaca	780
aacaaacaaa	caaaacagga	cgaggtcgcc	cagaggccaa	gcctccccgg	ccgggacccc	840
attccccagg	tgtgctgctg	gcttcctcct	ccctgggccc	agcctgccac	agaaagcctg	900
agacagaaca	aaccaaatac	gagagaactg	caagggggcc	gggcgcggag	gctcacgcct	960
gtaattctcag	cactctggga	ggccgaggca	ggtggatgac	cttaggagtt	tgagaccagc	1020
ccggccaaca	tggtgaaatc	ccttctctac	taaaaatata	aaaaaattag	ccgagcatgc	1080
tggtaggcac	ctgtaatccc	cagctactca	ggagcctaag	gcaggacgat	cacttgaacc	1140
cgggaggcgg	aggttgagct	gacccgagat	tgagccactg	cactccagcc	tgggcagcaa	1200
gagtgaaact	ccatctcaaa	aaaaaaa				1227

<210> 3186

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (692)...(215)

<223> similar to gi3874389 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3186	
tttttttttt	ttgtggtcta aaataaactt ttaattgcac atttgtgtct tgggttatct 60
gtggggtgag	aaacctcttc acttccaatc ccagctatct gggtacaatc tgggtgttgtg 120
gtctggctgt	cggcgagggg tagaggtggg tgcaggactg gcccccgagt ctgcaccgac 180
ctcttcaggg	cagggagctc agaccatggt agtacttgca ctgcttcagg gcctcgctga 240
agccctcaca	cagggacagg tcaactctgag tgggtggaaca gtccaggaac tgccatgatc 300
cataggcgca	gggccccaat ctgcaagggg cttggggggc agcgggggtt gggggccttg 360
cttgagacag	agctcggggg aagggctccg aagctcccc ccgcttgaag gctccgggtc 420
aagggcgctg	cccatgaacg tgtcccacag ccgagcccca cggctacccc tgccggccgt 480
ggtcgccatc	tgagccatga gccccggctg gcccgaaggg gcgggggctg gggcggtgc 540
cgagggcggt	gggtgcgcgg gcgggtgggc agagggcgcg gcggggcggc tggctggccg 600
ggagggcgcg	ctgcggcttc ccccgaggca tgggtggcggc ggtgggaccc gggcgacctt 660
agagacggcg	gcagcgggtg tgcgcggggg acaaatgc 698

<210> 3187

<211> 1294

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (167)...(757)
<223> similar to gi746487 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3187

cagagacgct	gcaaattgct	tgtggacggt	gtaggccgct	gcaggccacc	atgaaccggc	60
ttccggatga	ctacgacccc	tacgcggttg	aagagcctag	cgacgaggag	ccggccttga	120
gcagctctga	ggatgaagtg	gatgtgcttt	tacatggaac	tcctgaccaa	aaacgaaaac	180
tcatcagaga	atgtcttacc	ggagaaagtg	aatcatctag	tgaagatgaa	tttgaaaagg	240
agatggaagc	tgaattaaat	tctaccatga	aaacaatgga	ggacaagtta	tcctctctgg	300
gaactggatc	ttcctcagga	aatggaaaag	ttgcaacagc	tcgacaagg	tactacgatg	360
atatatatatt	tgattctgat	tcgaggatg	aagacagagc	agtacagggt	accaagaaaa	420
aaaagaagaa	acaacacaag	attccaacaa	atgacgaatt	actgtatgat	cctgaaaaag	480
ataacagaga	tcaggcctgg	gttgatgcac	agagaagggg	ttaccatggt	ttgggaccac	540
agagatcacg	tgaacaacag	cctgttccaa	atagtgatgc	tgtcttgaat	tgtcctgcct	600
gcatgaccac	actttgcctt	gattgccaaa	ggcatgaatc	atacaaaaact	caatatagag	660
caatgtttgt	aatgaattgt	tctattaaca	aagaggaggt	tctaagatat	aaagcctcag	720
agaacaggaa	gaaaaggcgg	gtccataaga	agatgaggtc	taaccgggaa	gatgctgccg	780
agaaggcaga	gacagatgtg	gaagaaatct	atcaccaggt	catgtgcact	gaatgttcca	840
ctgaagtggc	agtctacgac	aaggatgaag	tctttcattt	tttcaatggt	ttagcaagcc	900
attcctaaac	agcccaactg	gcatttaatt	acccaatact	gtatataagg	caaatatgga	960
cagttacttt	cctcttgccct	gttcatatcc	ttcagtgaca	ttgaggaagc	agtgtttctc	1020
tttttaaagg	agaatagttg	tcaaccttca	ttcatctctt	acatctctca	ccctctcctt	1080
ttttttttct	ttgattttcc	cccttattga	tgggactgat	attcattctg	tttttgatga	1140
acatttgga	actgtcgggc	tttttattaa	agctctgtaa	aattaaaagg	ttttggaatt	1200
ataagcaatc	tttgtttctg	agggttattt	ttattttgca	tatagctttg	atgtaattaa	1260
actggaaact	ctttcctgaa	aaaaaaaaac	caaa			1294

<210> 3188
<211> 1227
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(270)
<223> similar to gil710216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3188

cagttttttt	tttttttttt	tgctgcatga	ttttattact	ataaatatac	agtaaaaacg	60
aaccaacgat	gagcccatct	gagcacatca	gacggcagca	catgggagtc	ccagcggggc	120

actctgcggc	ccgaacttca	cgcaaagctc	tggcaccagg	actgatggcc	agaggctggg	180
gccttggtgg	gggcgggggg	cgggcggtgc	agggggctgt	gtgtgttgtt	ggggagaggt	240
gcatgggggg	agagaggtgc	ttgggggtgg	gtagaggtgc	gtgggagatg	ctcgggccga	300
gtgcacacac	atgcatggga	acatgtgcag	gagtatgtgc	gtgtgtgtat	gcgtgacagc	360
atgtgtgagc	gtgagtgtgc	atgtgtgaac	gtgtgcgtga	gcatgtgcaa	gtgggcgtgc	420
atgtgtgtgt	gtgtacgtgt	gagcgcctct	gcgtgcctgt	gcacgagcgg	gaggggtggc	480
tggcctgggt	gtgcagggag	ctgggtgtga	ggaccgtgct	gtccactgct	gggtctcgcc	540
caggaggcag	agctcatgct	cggagccacc	gtgagcctca	gggagggtag	tgagctgccc	600
cacagccgac	ctgtccccag	gccccactg	cagggcagcc	ctccagagcc	aggtgagcag	660
cagacacctt	gcctggccca	aggtcccgca	ggggtggatc	catgccctgg	gtcaccacgg	720
cccaggcact	ccctttgcca	tctgcggccc	caggaggttt	acctataaaa	aaaacaaaca	780
aacaaacaaa	caaaacagga	cgaggtcgcc	cagaggccaa	gcctccccgg	ccgggacccc	840
attccccagg	tgtgctgctg	gcttctctct	ccctgggccc	agcctgccac	agaaagcctg	900
agacagaaca	aaccaaatac	gagagaactg	caagggggcc	gggcgcggag	gctcacgcct	960
gtaatctcag	cactctggga	ggccgaggca	ggtggatgac	cttaggagtt	tgagaccagc	1020
ccggccaaca	tggtgaaatc	ccttctctac	taaaaataca	aaaaaattag	ccgagcatgc	1080
tggtaggcac	ctgtaatccc	cagctactca	ggagcctaag	gcaggacgat	cacttgaacc	1140
cgggaggcgg	aggttgagc	gacccgat	tgagccactg	cactccagcc	tgggcagcaa	1200
gagtgaact	ccatctcaaa	aaaaaaa				1227

<210> 3189

<211> 1334

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1264)...(846)

<223> similar to gi1872200 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3189

tttcgtggac	aggagggctg	gcaagggagg	gtccagggtt	aggggattcg	gagtggcttc	60
aggcggacca	cgtggetacc	ttttttccag	ggccagactt	tggcagcgtg	taaggtctga	120
ggacaggggg	accggaggcc	gaggatgaga	ggccagtgcc	tgtttccagg	cagccagggc	180
ctcagaaact	ccggccggag	cactcacccg	tgggtggagg	ccgttaccag	ggccacctta	240
tttgcgagcg	gggtcccggc	gggtcatccc	gagctggcca	tccgcaccga	attccaagcc	300
cgggcacaga	ggcctagcag	ccccgccttg	tgcattggatc	agaccagcaa	atgccacttc	360
ggataaacc	tttgactcc	taactccaat	caggtgtctg	ctttgttgag	gactcacaga	420
cacagtctcc	tttcttcaag	atctttacaa	tgcaagacct	cactaacaca	cagggatggt	480
ctcccagagg	gtctgtgctg	ttccttcaat	cagaacatca	agatgcactg	aagtaaggat	540
cctctattct	acagttcctg	ctagctgagc	tattccatgg	gggcttcagc	aggaaattcc	600
aaggttggct	ttgacaagct	aaggccggct	ggtggagcac	atcgagttct	ggaggttcac	660
gtgtgttttc	atgaagatct	gtctgcccgt	agcagataaa	gagttgttgc	cccactcctc	720
ctggggctct	ctattttcct	gggaggaatt	tctggattaa	ctgaacacac	acacacacac	780
acacaccctt	ttgaagcatc	aacagtaatt	ctgagttctt	agggacaatg	cagattaaat	840
ccacaataag	aaagacaact	atggccaggt	gtggtggctc	acggcctgta	atcccagaac	900
tttgggaggc	tgaggcggat	ggatcacctg	aggtcaggag	ttagagacca	acctgaccaa	960
catggagaaa	ccccgtttct	actaaaaatg	caaaattagc	cgggcatggt	ggcaggcgcc	1020
tgtaatccca	aatactcggg	aggctgaggc	aggagaatca	cttaaaccgc	ggaggcagag	1080

gttgagtgga	gccaagatcg	cgccattgca	ctccagcctg	ggcaagaaga	gcaaaactcc	1140
atctcaaaaa	aaaaaaaaaga	gtcctatggt	tccaaagggg	accaaacggc	cctcattgga	1200
aaaaataggg	gactttatta	tgcaaggggg	ttccagtcct	ttgggttggt	tttgggaaaa	1260
gaaaaaaagg	cctacaatcc	aaaaaaatag	ggcccatcac	aggcttcccc	aagggacaaa	1320
attaatccat	tttt					1334

<210> 3190

<211> 1772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1775)...(40)

<223> similar to gi3253120 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3190

tttttttttt	ttaagattat	tctaaaatac	aacgtttatt	aaaaaaacat	gcgatcttgc	60
caataggcca	attccatgag	aacaaaagat	tttttttccc	acctacaagt	cttttttagag	120
aaacaaacgg	aactatttcc	agatgaggcg	gggtgtcttg	gaggggctgt	gggtggctctg	180
gggctggtga	ctggtgaggt	tgggtggccc	tctgggggtc	cgggaggcac	tttccgtttt	240
gcttctgttg	gagatgttcc	cgtcggatgc	tgaagaacaa	gcctgccggc	tggggccact	300
cccgacctgg	gctgtggcac	ccgtgtggcc	ctcggccctc	ctggcctgag	aaaggggagt	360
gagaaggagc	cactgtcctg	atatggggcaa	aactcggggg	cactgggtctc	atgcttccaa	420
ggccccgtga	gcaggccagg	tggggggatc	cctgggggaa	gccccctacc	cttctccaac	480
ccccagcctt	cggggagccc	ctgccctcca	ggccctgtgc	tcggaggtgg	ggggaggacg	540
gctcagtgac	ttttggttcc	catgacattg	acagagacag	ggacctcgac	gcacctcca	600
taccgctgc	ggggaaatgg	accccaccag	ccagcacggg	gtgagttggg	ggccagtccc	660
tggcagagtg	tgggtgtcca	cagaggggtc	cttctgcagt	ggcggatcgg	gcgccagcag	720
gggtcccgcc	tcagtgtctg	ctgtgcgggc	gaaggggtgg	ctgtgggcaa	gggctggagc	780
tgccccagca	gccgcgggct	ctgcctcacg	acccagtggg	tjccccgtga	tgtggcaggg	840
ctggccttga	gtttcctgct	tctcacgagc	ctggcaccgc	caagcccagg	ccccctctgg	900
ccatctccac	aacaccctgt	gtggccgcgc	cttggggcag	gccctgtggg	ccccaccacg	960
cctggctgag	gggcggtgga	gagtggtccg	ctggacgggt	aggtcagctg	gcggtgctctg	1020
gccaccctcg	tgctcgaaag	atgcccctag	cgcacctccc	gttgcatcag	gaccctaggc	1080
cagcctgtcc	cagtgtctcc	tcagctcacc	atggcaggct	caatggtgac	ccccctttta	1140
tataggggga	aactgaggcc	tggcgaaaga	aagatgcggc	ctgaggtggg	acgtgaaccc	1200
gcggccctgc	agcccagaca	gcgccccggg	agtgaaccac	agcttcaccg	aagccccctt	1260
actgtgcccc	cgaggacacc	tgcctgcccgt	tcccccaggg	cgtcaccgcc	gatagcggta	1320
gcgcttgaag	tgaaaaccaca	gctggaagat	gcccgttggc	aactggcagc	ggaagccgtg	1380
ggggtgcgag	tattcccact	cgcggttgac	gatcttgaaa	gcgatgtcct	cgtagggcgg	1440
ccccgcgtgg	aagcgcagga	tggcgaaatc	cttgttgtcg	gcgcaggcct	ccaggaagta	1500
ctcgggcgtg	gagcgttgt	cgatgaggtc	ggggtagaag	atgttgaaact	tgtatccctg	1560
cacgatcttg	ggcggtgggt	tgtcaaagtc	gtagtgcgtc	tgggtgtact	tgttccactc	1620
gaagcccgtg	tgcacgcggg	tgaagaagcg	cggcttgccg	ggccgggtact	tgtcggccca	1680
caggtaggcc	ttgcgggtga	gtggcatctc	cacgctgaac	tgcgcctcgt	cttggcccat	1740
gccctccttg	gccccgcgaa	agaagatgtc	ct			1772

<210> 3191
 <211> 1194
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1153)...(365)
 <223> similar to gi4186073 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3191

tttttttttt	ttatgatttt	aatatacttt	atattatttaa	aaagtacaca	gttttaaatt	60
ggtttcaata	ggtttcaagc	agaagggaca	ctgcctacca	cttgcggtcc	catttctgat	120
gaaggggtgat	tatcatgttg	caaactcaca	tttgcacgac	tggcaaagta	aaaagataga	180
taactttttg	tcaacatatc	tttaagagtt	tatatcacgc	acagtttaaa	atcatgacga	240
gatgctgatg	gttggactat	attcatgtct	cgtatgttgc	accatatttt	ggttcacagt	300
ttatccatga	tttagcatgc	caagagaaca	tctcagtcag	taagagaaca	tctcagtcag	360
tgtcaccttg	agaagagcat	caaaagcaga	gggagcagaa	ggaggaccgt	ctgggcttgg	420
agactcggcg	cacccccaca	ctccctcgca	ttctcctcag	gatggaagcc	atgacaagat	480
tctgggcgcc	ttctgatctt	ctgggccttt	agacgttcac	acttaagga	ttcattatgt	540
tgactgtagt	taaggcatgt	ttccaaggat	tgcttttttc	tactctgcat	ttcagaggtc	600
aaaatttggc	aatgacaact	ctcttaacta	ctctctctct	ccaacagtgg	aaaggatgta	660
attttccttc	tctaataatt	ctcccccagg	tttccttacc	actgataccc	cttactgggt	720
tccgtggtag	tgagtggacc	tgacacacaa	aggatatacc	tgatttcaat	gggtgccatg	780
gtgatggggg	ccacagattc	acagaggcag	ctgctgtcca	ccaccaccat	gaacaggttg	840
ctgcttggga	tttgctggat	gacaaaggac	ctgttggaac	aagaggtagc	gaggcagtca	900
tttaccatcc	gtcaattaaa	gagccatgag	gaagacttct	ctcctgggtg	gtagcaacta	960
ccatattttg	taaagcaa	tttgagact	attttactac	taatgttacc	ttctttctcc	1020
atgaggctct	tcacttacaa	atacctagct	tcactaggaa	aacaacaata	gctatgacga	1080
catgcggctc	atacaactca	ccttggaaag	actgaagtgc	tgtatgtaca	aaacacaaga	1140
gtcagagttg	gctgaatcac	ctgttcccaa	ggtttaagag	gtcagacttt	caaa	1194

<210> 3192
 <211> 2148
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2148)...(661)
 <223> similar to gi2317934 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


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<400> 3192
cgaaaagaaa gtgggggact ctaaagattt tctcctttta agaaaaaata gttccggctg      60
gggagtacaa aatggagtggt aaaaagggcc ttgggccccca gggaggcccc tgtggactaa      120
ggggagttca tgcacccctt ctttccccag aggggctgga ctcagggtgag tatgggggtg      180
ggggctcctg cacttcgaca caggcagcgg aagggttttc tccccattcc ctctgcactc      240
ccaacttgag ctatactttt taagaaagtg attcaccctg cctttgcccc cttccccaga      300
acagaacacg ttgatcatgg gcgatatttt tcattgtgcc aaaaagttgc catgaccgtc      360
attaaacctg tttaacacca aataataagg aaaataaaaac aaaaagttcg ggcatggtgc      420
agaaactcac tccaaataaa ttacctacca aaatatataa tgggtggaat attccaaaat      480
tccatatttt gggattttata cacaaaagat aaacaaatta gaggccaaga ggctgccgga      540
agggaaaaac ggggcctgga atggccgacg tgaggaatga gctgggccta aagaggccac      600
tggcaggcag tagctggacc tgccgaagtg gccgaaaggc aggagctttg gacgggggag      660
gccgcagtga ggcgagagct agctgggcgt ggagagtcca ctgtgaggcc aaggccaagg      720
ccgggcccgt gcaggccttt gagaggcagg aggccggggc tgcaaaggcc gactggagat      780
caagttctgc gcctgaagag gctgccaaaa gtcaaaagcg ggggcctggg aaggcagccg      840
agagccatga gctgggctgg gccgaaagag gccactggga gccaggagga gctgggcctg      900
gagaggctca ctcgaggaag ttttgacact ggagaggccg ccgagaggac ggagctgggc      960
ccggggaggc cgacttgctg ctcttccagg cccaattcca ggccgacttg aggacgactt     1020
gggcctgcag agactgccgg gaggtgagg ctgggcctgg agaggccgac ttcgggacga     1080
tttgacactg cagaggccgc cgggaggccc aagctggggc tagaggagcc caccgaccg     1140
aggcgttttg gggcctgcag atgccatcgg agggcaggag ctgagcctgg agaggccacc     1200
gtgaggcctg agctgggcct ggggagcttg gctttgggaa gctgtgggcc taccagggcc     1260
actgggagct gggcaggagc tgagtccaaa gatgttgttg ggaggccaaa gtcgggcctg     1320
gagacgcagc cgggaggaag agctgggccc ggagaggatg ccgggaggct gcaagtgggt     1380
ctggagaggc cgacttgagg aggttctggg cccggagagg ccgccggaag ggaaaaactg     1440
ggcctggaaa ggcggttgtg aggaatgagc cccatgggccc tgaagaggcc actggcaggc     1500
gggagctggg cctgccgaag cggccgagag gcaggagctt tggactgggg aggccgcagt     1560
gaggcgagag ctagctgggc gtggagagtc tgctgtgagg cagaggctgg gcctgtgcag     1620
gccttcggga ggcaggaggc cgggccttgt cgaggcctgc agaggccgcc aaaagtcaaa     1680
agcggggcct ggggaagccc cccagaggca tgagctgggc tgggccgaaa gaggccactg     1740
ggaggcagga ggagctgggc ctggagaggc tgactcgagg aagttttgca cctggagagg     1800
ccgccgagag gacggagctg ggcccgggga ggccgacttg ctgctcttcc aggccactt     1860
ccaggccgac ttgaggacga cttgggcctg cagagagctg cgggaggcca gagctggggc     1920
tggtagggcc gacttcggga cgatttgggc ctgcagagcg caccgggagg cccaagctgg     1980
gcctagagaa gccaccgac cggaggccgt ttggggcctg cagatgccat cggagggcag     2040
gagctgagcc tggagaggcc accgtgaggc ctgagctggg cctggggagc ttggctaggg     2100
aagtttgtgg gcctaccagg gcctctggga gctgggcagg agctgagt      2148

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<210> 3193

<211> 625

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (626)...(215)

<223> similar to gi306782 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3193

taccttttta	aaatttttta	tttttttatt	tagtggcctt	ttagattatg	gtgatcttca	60
cctcatctcc	acctgtctcc	ccacattaga	caggggtctt	atgcttgcta	ctgtgagggg	120
aaaggggtga	ctgggaaggg	gtggtaggga	catggtaggg	gcagagcctc	cagccccact	180
tccccaggtt	ttgctgacag	tggccggctt	ttagatgatg	gtgatcttca	cctcattggt	240
ctcatcagtc	tggtaaaaa	aaggaatgca	agggtgctg	cccaagcctg	ggtgctcctg	300
gaggttctgc	atctcatgaa	gcagttgcat	gatctgctgc	tcagtggggg	tgtcacaggg	360
agaatgcttc	cccgcctctc	cttgtgcaga	ctccccactg	ctggcaaggc	tcacctcaca	420
aagatctttg	gagagagggg	ggcaggggtg	tgtgggagcc	ctccccctg	cctgcgtgcc	480
cactgtgcct	gaggactcta	ctcactaccc	tggcttgta	gtagcccaa	gctactgggg	540
gggccggggc	ccctggagtg	ggctcatcag	caggggtctg	ggcagctgcc	aggaatctgc	600
tatgccactt	gttgcatg	tccac				625

<210> 3194

<211> 2434

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2434)...(2145)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3194						
accagtaata	atagttttat	ttgattttta	aatagtcata	aatgtgaaaa	tttctcaaag	60
cttaagagta	acagtctaga	gccaagggtg	ggagtggggg	ccaggcctca	cacagagccc	120
agcttgaggc	ccctgagccc	caccctcctt	tccagaggga	gggaggagac	agctgagggg	180
gccctgaatc	agtcctctcc	ctcgtcccca	aggccagctg	tgccaggccc	ctggagggca	240
acagctcatg	cggaggactg	gggggggaag	caaacaggta	ggaaacggaa	atgaggttaa	300
caattacacc	atcaccccca	aaaaaaaaa	aaataacaaa	acttgtgact	atgaaaggat	360
ggaagatgaa	tactgataaa	ctcctcagct	ccccagaaaa	gccagctctg	ggctggggtg	420
ggctgattgg	aggaaaggtc	ttgagaccca	actgcatgtt	acctctgaag	aataaatatt	480
ctaagaaaaa	gggaaaacca	tgaggcaagc	tgtctcagtc	agtcaacgca	gctgacaggc	540
ctggcatggc	ccacaacctg	accccatcca	cacaggaaac	agctgtgcgg	gtctggatag	600
aggagaggtc	aagggtcttg	actggggacc	ctgagctgcc	aagggtgtgg	gactccttgc	660
agtcctgggtg	cagcaatggc	aggaaggcca	gcagggggcc	tagttgagca	ggttgccctg	720
ctcctggggc	tgggtcaggc	tgtccttgcg	gtgcagggtg	tgaaccccca	tcctcttggg	780
gctgcgctgg	gggcgactgg	agctggggag	tggccaggcc	ctgccctcgg	tgtgggaagt	840
gcctggcccc	tcctctgtgc	ccctgttaat	gggcagcagg	ctctggcgct	cttcctcagg	900
actgataggc	aggttcagct	cttccttctc	cctgggaaag	ccagagtcag	gttctgtggg	960
tagcaaaaagc	tactctctt	cgggtcgggc	agaagggtgc	tggaccacct	catctctgtc	1020
agcggggcta	tgggcaaaat	ggcgctgcag	ctcagggagg	gcacgcgctc	caaaggctgt	1080
gcgctggggc	acagcagcag	gtggtggagt	acggtccaca	aatgcccgtc	gccagctgac	1140
cagcaggtcc	tcttcagagc	tggcagagct	agctggggca	ctgagtgtta	ggggtgctgg	1200
gctgggctgg	tggtgggggtg	aggcctgggc	tgaggcaggg	gtgctgggca	ctgggctggg	1260
gcgggcccgc	tactcccct	cctctaccag	gctcagggaa	atggcctggc	gggtagcgta	1320
agtgcagttg	ggcagggggc	atgttgcggg	ggatccgaac	cttatactca	gagaactcta	1380
ttaccctgcg	gccaggatac	agtgggtgtg	gtggagacgg	gggtgggtag	gggttcagct	1440
tctcaaaggc	tggcaggggc	agctcttctc	ccggggagcc	cctggcagta	cccagagagt	1500
ggcactcccc	attgggttgt	gggggtggggc	tgccatgtgc	ccgggggact	ggctggaata	1560

actgggacac	cctcactcat	gtccacatgc	acaaagacat	cctcagccaa	ggggcgcccg	1620
gcgctgcctg	actggaaaga	attgagcagt	agagactccg	gcttctctaa	cactcgggca	1680
atgactgagg	taggcaccac	agcccctggg	gctaggctgg	gagcaggacc	tgggctggcg	1740
gcctcttgac	cactgtgcaa	atgtttccga	accatgtcct	gtagctcaca	gggcagctga	1800
ggtaaaagag	caggaaagag	agacatcaat	gatcgcagcc	aaagataact	tgactcatgg	1860
cgaaagtaat	ggctcccacc	tttaagtacc	tctgtgtact	cagcactctg	ctatctcctg	1920
ttcttacagc	atgccagtgt	gtataccctc	acttcacaga	cacataggcc	tggagagggg	1980
aagacaactc	aaagcttttg	ttaacttggc	caagatttaa	acccggatct	gctgctgcag	2040
ccagcatggt	ctcaaacttc	tatctcccag	cttctgccc	aaccatactt	aagtttggag	2100
aatctgcata	gaccagtagc	cttagaaata	cctctacttc	tgggccgggc	acagtggctc	2160
atgcctgtaa	tcccagcact	ttgggaggcc	gaggcggggtg	gatcacgagg	tcaggagatc	2220
gagaccatcc	tggctaacac	gatgaaaccc	catctctact	aaaaagacaa	aaaaattagc	2280
caggcgtggt	ggtgggcgcc	tataattcca	gctacttggg	aggctgaagc	aggagaattg	2340
cttgaagccg	ggaggcgag	gttgacagtga	gccgagattg	tgccactgca	ctccagccta	2400
ggtgacagag	caagactccg	tctcaaaaaa	aaaa			2434

<210> 3195

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (727)...(254)

<223> similar to gi2317934 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3195

tttttttttt	ttgctcagca	atcttttattc	agttcttctt	gggggtggga	tgcttcctt	60
cccatgctcc	cacccctccc	atcccagaac	tccgttgggc	tcagtgtcct	ctgttgaggg	120
aaggctcttg	tgcccagatg	cctactctgc	aggagaggga	ggaaccttgt	ccctttgcgg	180
gagtcgctgg	tctcttctgt	tgtggggaag	aaggaaggtg	ggagggggac	tgtccaccag	240
cactcagagc	tccattatgt	ccccagctgg	ggttgccagg	tagggggggac	tgggggtgtc	300
ccccagcctc	agcagacgga	gggcctcagg	gatgaggctg	ccaggatagc	gccagagaag	360
cagctcagag	caagggctcc	tgagtggggg	cagggtctgg	gagaaggtca	tgggggggct	420
gcagtagggg	tggtcattgt	gcaggctgag	ttgagagaag	tgggtggcca	tgttctcttc	480
agacagaaac	tgcttgcgca	gaggctccct	ggggagagat	ggcagagagg	caggctggga	540
tactgacaca	ggaggcagcc	tgttggggac	cagaggtgac	agagatcttg	ttgggagtc	600
ctccctgccc	ccaaactcac	tgctcctcct	ccaggcgccg	cttgggtgtc	atgggcacag	660
ctcctcggag	aggggagctg	ggaaaaaaag	agagcctggt	gcacccacc	ctcttgccc	720
cttcccaagg	atctgccccg	ctaagcctgc	agcatcagcc	ag		762

<210> 3196

<211> 5947

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (144)...(380)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3196

acgccagtgg	acaaaatctc	ccagatacgc	ctttcccat	gcctatgacc	cagaatacta	60
cttttattcc	agatcaatcc	tggcacttca	ttcccatag	acttcagttt	gcaccaatcc	120
cccatccgaa	ctgtaacagg	tttttttttt	ttttgagatg	gagtcctcgt	ttgtcgccca	180
ggccagactg	cggactgcag	tggcgcaatc	tcggctcact	gcaagctccg	cttcccgggt	240
tcacgccatt	ctcctgcctc	agcctcccga	gtagctggga	ctacaggcgc	ccgccaccgc	300
gcccggctaa	ttttttgtat	ttttagtaga	gacggggttt	caccgtgtta	gccaggatgg	360
tctcgatctc	ctgacctcat	gatccacccg	cctcggcctc	ccaaagtgtt	gggattacag	420
gcgtgagcca	ccgcgccggg	ccttcctttc	cttttttttt	tgagatggag	tcttgctctg	480
tcgcccaggc	tggagtgcag	tgggtgcgatc	tcggctcact	gcaagctccg	cctcccgggg	540
ttcacgccat	tctcctgcct	cagcctcccg	agtagctggg	actacaggcg	cccaccacca	600
cgcccggcta	atttttttgt	atttttagta	gagacggggg	ttcaccatgt	tagccaggat	660
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aaaaaaa						5947

<210> 3197
 <211> 2210
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (378)...(1660)
 <223> similar to gi28969 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3197

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tcagtaaata	cgaatccatc	gacgaggatg	aactcctcgc	ctccctgtca	gccgaggagc	180
tgaaggagct	agagagagag	ttggaagaca	ttgaacctta	ccgcaacctt	cccgtggggc	240
taaggcaaaa	gagcctgaca	gagaaaaccc	ccacaggagc	attcagcaga	gaggcactga	300
tggcctattg	ggaaaaggag	tcccaaaaac	tcttggagaa	ggagaggctg	ggggaatgtg	360
gaaaggttgc	agaagacaaa	gaggaaagtg	aggaagagct	tatctttact	gaaagtaaca	420
gtgaggtttc	tgaggaagtg	tatacagagg	aggaggagga	ggagtcccag	gaggaagagg	480
aggaagaaga	cagtgcagaa	gaggaaagaa	caattgaaac	tgcaaaaggg	attaatggaa	540
ctgtaaatta	tgatagtgtc	aattctgaca	actctaagcc	aaagatattt	aaaagtcaaa	600
tagagaacat	aaatttgacc	aatggcagca	atggggaggaa	cacagagtcc	ccagctgcca	660
ttcacccttg	tggaaatect	acagtgattg	aggacgcttt	ggacaagatt	aaaagcaatg	720
accctgacac	cacagaagtc	aatttgaaca	acattgagaa	catcacaaca	cagaccctta	780
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ataaatgtgg	attgaagttt	tttccctttt	tttaaagcca	aactaatatt	tttctgtgac	2040
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ttttaaaaag	ccaaactaat	atttttctgt	gagttaatac	atctgtcagg	tgtgtatgta	2160
acattactgg	acattaaaaa	aaattattac	attctcacc	aaaaaaaaaa		2210

<210> 3198
 <211> 2041
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2033)...(1278)
 <223> similar to gi998472 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3198

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agaactccac	tgctgtaata	agtcacccca	aagatcacccg	tatctgacaa	aataactacc	180
acaggggtat	gacttcagaa	tcatactttc	tcttgatatt	tacttatgta	tgtattttatt	240
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tttatacttt	taatagagac	gggggtttcac	cgtgtcggcc	ccggatgggt	ctcgatctct	480
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tcttgtcccc	atcaccactt	ccggtgcctc	gaagaaaaaa	ggtaacaaat	caaggaacac	960
aacctaaaga	aacacacaca	caaaccaaag	acaactacag	cgtctgcaaa	agtttgctag	1020
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tcagagtttg	ttcaagacat	acgtttccgt	aaggaaacat	cttagttaga	agttattcaa	1140
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cttcattagg	cactttccca	tgccctacaa	tgtctaggat	tgacctgat	agcatttccg	1320
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gctatgggca	taagcatcat	tttggattcc	acttcgagag	ttccctggaa	gaattgaatc	1440
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tcctgggttg	gcgaattttt	tatcccattg	ctgtgaagtc	ttttgggaca	gaactgaaag	1560
agcaacctct	ttcggaggat	gccaaagtgt	tgtagagtag	atctccatgc	cttcgactct	1620
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c						2041

<210> 3199
 <211> 514
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(273)
 <223> similar to gi1710216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3199

tttttttttt	ttaaaaggga	gtcttactct	gttgctaggc	tggagtgcag	gggtgcaatc	60
taagtccct	gcaacctcca	cctcctgggt	taaaacaatt	ttcctgcctc	agcctcccga	120
ggactgggaa	tataggtgca	cgccaccaca	cccaacaaat	ttttgtactt	ttagtacaga	180
tgagggttca	ctatgttggc	caggatgggc	tcgatctctt	gacctcatga	tccacccacc	240
tcggtctccc	aaagtgtctg	gattacaggc	ttgagccacc	gggtgaccgg	cttacaggga	300
tatttttaat	cccgttatgg	actctgtctc	caggagaggg	gtctatccac	ccctgctcat	360
tggtggatgt	taaaccaata	ttcctttcaa	ctgctgcctg	ctagggaaaa	actactcctc	420
attatcatca	ttattattgc	tctccactgt	atccctctca	cctggcatgt	gcttgtcaag	480
ttctagttgt	tcaataaatt	tgtaataat	gctg			514

<210> 3200
 <211> 1267
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> similar to gi5457053 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3200

gacgccacgg	acacgtcgcc	tttcgtgctg	tactcgatgc	agacggctac	gacgccctgc	60
gctgagctgg	tgcacgagtc	ggccgagcgg	atctacatgg	tgacaacggg	gggtgacggg	120
aacgacgact	ctgcctagaa	tgtctggctg	tcgtaccagc	tgctcaaggc	cacgtagcct	180
ggcctgttcg	gtgtgtgggc	gcacgatgac	gaggtgcgca	cgtccaggat	gctgagcgag	240
cgctcgag	ccaagcagag	gctgggtggg	ctgggtcaagg	acaatggcga	gccttcgcgc	300
tcggccacgc	cacagctgca	cgtggttctg	gtgacgggct	actccaagcc	tttctccgct	360
tcctatagct	ggcccccgcc	cagaccagg	ccaactcgct	cactgtctac	gtgggtgggtg	420
cgttggcctc	gggtgctgct	ctcttcctct	attcgggtgct	cctgttcgtg	acggtgcggc	480
tgtgcaggag	gagcaggtcg	gcctcgggtg	gccgctgctc	gatgcttgag	ggcccccttc	540
cagggcgctct	ggtggacgta	agcggcaccg	ggaccctgtc	ccagagctac	caatacgagg	600
tgtgtctgac	aggaggctca	gaagcaagtg	agttcaagtt	cctgaagccg	attatcccca	660
acttctctcc	ttagggcact	aggaaagaaa	tagattaaaa	ttccaccctt	cacaatagct	720
ttggatttaa	ttattgatag	gaaccattt	gataaattcc	ttaacttctt	atgattgtct	780

tgttgattaa	attgttcatg	ctcaccacca	ccaataaggt	atTTTTctct	gattgttagt	840
tcaaattata	ttgttaattc	cagtttccct	tttctcata	tttaccocga	agaggtgttg	900
catatagaat	cccaattaac	aaaatatact	ttatcttcaa	agttgatgtc	atttaaaatt	960
tttccgtctt	tatatTTTat	ttacttccta	ttcatTTTTt	gtccattttt	tcatgttact	1020
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tttcattata	atactTTTct	taaagccgct	ttctttcttt	tcttttcttt	cttttttttt	1200
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ttgtgtg						1267

<210> 3201
 <211> 875
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(876)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (13)...(766)
 <223> similar to gi2393894 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3201						
tctggcgga	ttacacagaa	ccctacctga	gcaggcaccc	ccaatttgct	caatattttg	60
ttgacttcag	agaaacaaag	aatggTTTTa	gaaaaagcta	aggaaaaggc	tgatcttatt	120
cacactgact	ctcccagtaa	tccagtaagg	gcagctgctc	atattgcagt	tcccacctct	180
gacctgggat	ggaatataaa	cactggagat	agatctaacc	ttgaacacta	tcaaaactgc	240
atTTTgatca	gcctctgcaa	gggagtgcc	aagcaaagga	gcctcaataa	gggccaggat	300
ggTcaagcag	aagcctaattg	agggttgctt	tggaattctt	agaacaagtc	tttgaagctt	360
tcagagaata	aatggatatt	gaccagaag	ccccagaaaa	tttgatgata	gctaacatga	420
tgTTTatcca	acaaagtgcc	ccagatattc	agagaaagtt	acaaaacgta	gctgaggcat	480
tggacatgtt	tttgtctcaa	ttagtgaaga	ttgTTTTtaa	tgtatttact	gatcacaagt	540
ttaaagagtg	gaaaataaaa	cacaaggaat	aatgaaaatg	gcaagctgac	ttgttatctg	600
tggctctgac	cctagtagtc	cctggaccac	aacaagggcc	gtcatcagac	actccatcta	660
tggtagaacc	acctggggccc	ccaaaagcca	ataaaaacgg	acatcccat	gcaggtecca	720
accagtgtgc	ttactgcaac	aggggggaca	ctgaatggaa	aatttctcat	gccttacaaa	780
gcctgatgtt	aaacagtcag	ccttctgccc	accaaagcc	tgggatagct	ggngagcttg	840
agagagatac	taaagaanaa	gaccagaaat	ggtaa			875

<210> 3202
 <211> 1545
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(754)

<223> similar to gi6002478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3202

agtgtggtg	aattctttgt	attcatcagg	gagtacacac	agggaaaaag	ccctataaat	60
gtgaagagt	tgggaagggc	tttgatcaga	gtccaacct	tcttgtccat	cagagagtcc	120
acactggaga	gaagccctac	aaatgcagtg	agtgtggcaa	gtgctttagt	tcaagctccg	180
ttcttcaagt	ccactggagg	tttcacacag	gggagaaacc	atataggtgt	ggtgagtgtg	240
gaaagggctt	cagccaatgt	acacaccttc	acattcacca	gagagtccac	acaggggaga	300
aaccatacaa	atgcaatgtg	tgtggaaagg	attttgcgta	tagctctgtt	cttcacactc	360
atcagagagt	tcacactgga	gaaaaacat	ataaatgtga	agtgtgtgga	aagtgttca	420
gttaacagttc	atattttcac	ttacatcaaa	gagatcacat	cagagagaaa	ccatataaat	480
gtgatgagt	tggtaaaggc	ttcagccgga	attcagatct	taatgttcac	ctcagagtcc	540
acacaagaga	gaggccctat	aagtgtgaag	catgtggtaa	gggcttcagt	cgtaattcat	600
acctccttgc	ccatcagaga	gtgcatatag	atgagacaca	gtacacacat	tgtgagcgtg	660
gaaaggacct	tctgactcat	caaagactac	atgagcagag	agaaacatta	taaatgtagt	720
aagtcagggt	tcaattagta	aaacagaagc	cacactgtat	tccagatgat	agaggcttac	780
tcagcctgtg	ggagggctag	gggagcaaaa	gacagggaca	ctgccatcga	taatgtcagc	840
ctgcagcact	gaagtgtgcc	aggccaagga	ctgtggattt	caagaacttc	tgtgaagctc	900
ccatcaactg	ctgtatgcta	caatggcaag	aggttacttt	tgacaaatgg	gtggtttgtg	960
gtagtggttg	tagttagtgg	tcaaatttcc	attaaagggt	gtgtccagga	aggaaattct	1020
aattgggatg	atcatggtaa	ggtcttcagt	tcagccaacg	tctttagatt	tttttttagt	1080
ccccagtaga	aaaatactct	ctgtatgaag	aacattcaaa	agtgtgctca	aaaatgaaac	1140
ccatgctctt	actatgaaag	aacgttagta	cccagggttt	ccatgagatt	ctctacacag	1200
gcaagaagct	ccatagaagt	ggcatttgaa	gggtgtggca	gaggcagtgc	tgtgtttatc	1260
acactggttc	catttccttg	caaataagaa	gtctatttcc	cagtaaccct	tgcagttaag	1320
agtgtgcccc	tgtgattgag	ttctagccaa	tggagtgtga	gcaaaagtga	tataagccac	1380
tttcaggtct	agcctttaca	aacatcctca	ggcttctcta	tccctgcaa	ggtgaccttg	1440
gaggctgctt	attccagact	gggttgatag	aaggctacta	cttcactctgt	gttggatttc	1500
tttttagagt	aagaaataaa	agttcattgt	gtctcaccac	tgaaa		1545

<210> 3203

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (52)...(376)

<223> similar to gi2072955 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3203
cccacgcgtc cggacatatg ctactcaaac tgtcaagaga cagagacaaa tagaatcttg      60
aaagtagcaa gacaaaaatt acttttcatg tacatgggct cctcaataac attaacagct      120
gacttctcat cccacatcat gaaggccaaa aggcaatggg atcatatatt caaagtgcta      180
aaagaaaaaa ctgccattca agaattctgt atccagcaaa actatccttt aaaatgagga      240
gaaattaaga cattcccata taatcaaaaa ctgagagAAC ttgtcattag cacacctacc      300
ctacaagaaa tactaaaggg agtccttcat actgaaatga aaggatacta gacagcaatt      360
caaatccaca ttaagaaata aggagcacca ataaagactg tatatatgta tataattgat      420
agtataaatt tacttttctt t                441

```

```

<210> 3204
<211> 1859
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (444)...(1058)
<223> similar to gi337485 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3204
accagtgccc tgagagagct catctcagat ctggagcatc ggctgcaggg gtcagtgatg      60
gagctgcttc aggggtgtgga tggcgtcata aaaaggacgg agaacgtgac cttgaagaag      120
ccagaaaactt ttccaaaaaa tcaaaggaga gtgtttcgag ctctgatctt gaaaggaatg      180
ctagaagtgt tttagagagct gacagatgtc cgacgctact ggggtaagga gaagtcacat      240
tatcataagc caccctgcgg cttatcatta ttattatctt tatcttttag aattttatgt      300
tctctattag gctcatgttt taagattttat gattctcctt ccaagacaca cataacttac      360
ccctccttat aactttctaaa caaggttcct cccagttttc tctcaagtct ttatcaagat      420
ttctctcata tcacaaataa agttacatta tatcccttag ctgacctgtt aatttttcta      480
cagttgatgt gacagtggct ccaaacaaca tttcatgtgc tgtcatttct gaagataaga      540
gacaagtgag ctctccgaaa ccacagataa tatatggggc acgagggaca agataccaga      600
catttgtgaa tttcaattat tgtactggca tcctgggctc tcaaagtatc acatcaggga      660
aacattactg ggaggtagac gtgtccaaga aaactgcttg gatcctgggg gtatgtgctg      720
gcttccaacc tgatgcaatg tgtaatatgt aaaaaaatga aaattatcaa cctaaatacg      780
gtactgggtt tatagggtta gaggaaggag ttaaagtgtat tgctttccag gatagttcct      840
tccatactcc ttctgttcct ttcatgtgtc cctctctgtt gattatttgt cctgatcgtg      900
ttggagtttt cctagactat gaggcttgca ctgtctcatt cttcaatata acaaaccatg      960
gattttctcat ctataagttt tctcactgtt ctttttctca gcctgtattt ccatatttaa     1020
atcctagaaa atgtggagtc cccatgactc tgtgtcacc aagctcttga accttcttac     1080
acactcagcc ccttctgtac agcacctctt gtccagggtg atctcataca cctgaactca     1140
tttgcacatc ttttaaccatc ttttccttgc tgtctccctt ctttctattt gaacgtcctt     1200
cactcatcag taaaatgtaa taattgcctt gtgccatatt gtccccaata ttttattgac     1260
atttgatagc aatttttttc atcattttcc gtactcctaa ggaaaactga cctatacctc     1320
ataaaatgag accgctattt aggtattact tctgccagat atttatcacc caattgcctc     1380
tgacactgac taagaagatg aagaaaagct tttcaacagc ctttctatat catcgtgtga     1440
taattgttca ccaatgaatg agtccttagc cctgtgtcag tttaccctcg atgcccttat     1500
ttgtgagtta aagagaaaat atcataaatg gtatactctt aagtatagag gttttgtatc     1560
tagaggatct cagttcaact cctgtctctc catataccag cagtgtaaact gtgaataaca     1620
tacttaaatg gctgtgetta tttccttttc ttttcttttt tctttttttt ttttttgtaa     1680

```

aaaaaagttt	tgtttttgtc	ccccaggctg	gagtgcaatg	gcacgattct	cggttcactg	1740
caacctccac	ctctcagatt	caaggcaatt	ctcctgcctc	agcctcccaa	gtaggctggg	1800
gatttacagg	tgcccaccac	caccctggg	ctaaaatttg	tattttcagt	agagacggg	1859

<210> 3205

<211> 982

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (91)...(820)

<223> similar to gi337663 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3205

ggaaggaacg	gggtggccac	gagctgtgag	ggagatggat	ttcacggaca	accagacagg	60
cctcggtggt	aacaacgaaa	gggaaaactt	agaatccaga	attgctacaa	atgtattatc	120
taaaatacaa	agaagtatga	cagtgtgacc	catactgagg	aagaacatca	tcagtagaaa	180
ctgtctgagt	gtccagatgt	tgaatttagt	aaaggcttgg	aaacaacttg	tggatggagc	240
agtagaaaatt	atccattctg	aagaacagag	agaaaaaac	aagaaaaatg	cacagagcct	300
cagaaacccg	tggtacaaca	tctgctgtac	caaagcatgt	cgaatggggg	ttccaggaga	360
gaggaaagat	atgtgttaca	ataatggtta	aaaactttcc	aaattttaat	taaaaaatat	420
gcacattcaa	gagcacagga	agtttgaact	agaataaatg	caaagtcaca	tcatagtcaa	480
actggcaaag	gccaaagaga	aaatgttgaa	aggcgtcaga	gaagaatgac	ccatcccatg	540
aaaggggagc	ttcaataccg	ccagccactg	acttcttaga	aacaatggag	accagaaggc	600
agtggagtgg	catactcaag	ctgctcagag	agaagaacca	tcagccagga	atcaaaaccg	660
ttctacacaa	gtgaaaggga	acgaacgaca	ttccctgaga	agcagagact	ggtgggattc	720
attgttggcg	aaacctgcct	taaaggaaat	actaaaggaa	gaccttcaag	ttgaatagaa	780
atgacaccag	acggtaactt	gaatcctcag	gaaggaagga	caggcactgc	agatggcaag	840
tgtagggtga	cgtcaatatc	ctgtaaatat	ctctcctcac	atcttaggtt	ttactggaac	900
tacgattgta	taaaataatt	acactgttgt	catggtatgt	ggcataaatg	gactgcacaa	960
agaagacagg	gtattgagct	ct				982

<210> 3206

<211> 1773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1559)...(267)

<223> similar to gi4263748 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3206

tttttttttt	ttgttcaatg	aacataaaat	aattttatta	aatataacaa	aaattaaaac	60
ataacaaaag	tatcacagta	ttatagtacc	atttaaatat	aacatagaaa	aatactacaa	120
aataagaaat	acaaagacaa	aagctaggta	agatttttat	ttactatgat	gggtgtgctt	180
gcctgttcat	aagttcattc	cagtctggaa	cacaggaaga	taatgctacc	cgcataactg	240
ctgcacaatt	cagcccattt	ctttcctttg	tttttaactg	cgtaagatg	gaaaacccta	300
gttcacacaa	actagtgtt	gtgaatggta	gcaatagcca	ggacactctt	tctacttaac	360
aatggaaagt	cttcctttac	cttcattccaa	aatgctgata	aacttaaggt	ttcataatca	420
ttcttcaatg	tatatgaaga	actaagctgc	aataattcat	tctcttcttc	aggcaccaag	480
tttagctcaa	ttattgattc	agggtttcga	aaagcaaagt	gatcttttac	ccaactgttt	540
tcccttaatg	tttcaaattt	ttcttctgga	aagaaatgg	taaaagtttg	agacagagaa	600
gtgagatgca	acaatatctc	taattttatt	tctttcaaaa	tgttttcatt	aataatattc	660
tcttcaatat	gctgcaaaaa	tcttggaac	atgtaatagc	taggacgatt	acttttaagt	720
cttacttgcc	ataacaataa	tgtctttcga	aatccctgga	tacgttcaac	atgttggaat	780
acatcactgt	ttttccctg	tagttttaaa	ctcagttcat	taagaatgct	aaaaatatca	840
gttaaataatg	ccaattttgt	tacccaagta	tcattctcaa	aaatacttgc	caaagagat	900
tttttttcaa	tgagaaaaaa	gtgaatctca	ttcctgagct	cataaacctt	gcttagtatt	960
ttcccttgag	acaaccacga	atttttggta	tgatatagta	agtgggtatg	attagttcca	1020
atctctgaac	aaaatgtttc	aagaagccgg	ctattcaatg	agcttccttt	aataaaaatta	1080
acaactttca	ctgcattttt	caatacctcc	atgagattct	gtggaatttc	tctggatgct	1140
aaaccttcac	gatgtataaa	acaatgattc	cacacagcac	cattattagt	aacttctagt	1200
aattttttta	ttactctgct	atgttttcca	gtcatgggtg	ctgtgccatc	acttgtaatt	1260
cctttacagt	ttttccagtt	taattttatat	tgccaacta	tgccgctttc	taattctgta	1320
aaaatatcta	atccacttag	gtgtgagggt	aaatttaaaa	aacacaaaaa	atcctccaaa	1380
aaatcatctt	gccacgcata	tctgacataa	actaaaagtg	ttgtgcagct	tccaatatca	1440
gtgctttcat	caagctggat	tgcaaaaatct	atcccagact	gtaaacgagt	aataagcatt	1500
gtttataaat	gttctgcaat	agtacaaatt	cgaagagata	ctgtgttata	attaggtata	1560
gtttttaatt	tatcagctga	tttatcatca	aattattgtac	gcaccatata	caaacatgct	1620
ggaagaataa	ttttttcagc	agctgtgtta	gctattttct	cttttgccac	acgatatgca	1680
cctaaatatg	atgataataa	gacaactctc	tacagcagta	gaacacttaa	gaaattgtgc	1740
gggggcgtgg	gtcgacacgg	gaattcgggc	gct			1773

<210> 3207

<211> 1799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1789)...(626)

<223> similar to gil86774 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3207

tttttttttt	ttctttttaa	ggttttatct	tttattagca	tttcatcctc	acaaaaatac	60
tattaggtgg	tactgttatt	accattttta	aaaccaaggc	acaggggcat	gttttgccaa	120
acaccacata	ggcagaggtg	gaattatgag	aattatatta	tttatatata	tcataaagat	180
aggccaaggc	tggtctttcc	catgttcatt	acattaacag	aatcattttc	cgttacagt	240

ctatataaag	tgtggtccat	gtgttgacac	tggcccacaa	attgtttgct	tctggtctct	300
gcaaaagtta	tagataccaa	gagcaagtat	ttagaaatgt	ttgcagcaat	ctgacagagt	360
taactcagtt	aaataccata	ataaaaaact	ggggctttta	ttttgtatgt	ctgttttttt	420
cgttttcatt	tttcgtggta	atctatttat	ttattttatt	aagagacaga	gtcttgtctct	480
gttgcccaag	ctagagtgca	gtggtgcat	ctcagctcac	tgcaacctct	gccacttagg	540
ttcgatgcaa	ttttcctgcc	tcagcctcct	gagtagctgg	gattacaggc	acccccaca	600
atgcctagct	aatttgtgta	ttttagtaga	gaaggggttt	caccatgttg	gccaggctgg	660
tcttgaactc	ctgacctcag	gtgatctgct	cacctgggcc	tcccatagt	ctgggattac	720
agggtgtgagc	cactgtgcct	ggcccgcat	ttattttatt	atttagagac	aggatctcac	780
tctgtcacca	agctggagt	cagtggcaca	atcatggctc	actaaagcca	tgaggcagg	840
tctcactatg	ttgccaggc	tggtttcgaa	ctcctgtctt	tccacagtgc	tgggattaca	900
ggtgtgagcc	acttcacctg	gccattatt	attgcatttt	agagaagcac	tgttcaacaa	960
cagttttag	gggaaaaggc	ccttgatggt	ttgggatgca	gtgcatcagt	atcaatcttc	1020
taaagcctaa	cagggactga	gtgatgctat	agtctttcga	ctctttaaca	tacgaaataa	1080
tttctgataa	attgtgagca	tgaagtaaaa	gggattccca	catgttccgt	aacaaacaga	1140
aaatttctta	aattacaaat	tctctgctaa	agggcatttt	ctaaaggcca	tcgtattctc	1200
tttacattat	gcataggact	tcctcactaa	tatgatttct	ctgatgtaaa	gtaagttgat	1260
cactacgaat	aaaggctttt	ccacattctt	tacattgata	gggtttttca	ccagtatgaa	1320
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tataggggtt	ctcaccctg	tgaactatgt	gatgtcgagt	aagttctgct	tgaagacgaa	1440
aggcattccc	acattcttta	cagctataag	gtttctcacc	agtatgaagt	ctaaaatggt	1500
gagtaagatg	ataccgacga	ctaaaggctc	ttccacattc	cttacattca	tatggaagct	1560
caccagtgtg	aattctttga	tgtaatgtaa	gtcgataact	gcaataaaaa	gcattcccac	1620
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agtgccgact	aaacgtcttc	ccacattccg	tacattcgta	gggtttctca	ccagtatgaa	1740
ttctgtgatg	ttgcgtgaga	tgagtgtctac	gaataaaggc	cttcccaccc	acgcgtccg	1799

<210> 3208

<211> 1140

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (808)...(408)

<223> similar to gi3242240 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3208

actctcacia	ttaaaacatt	tggaaaggaa	ttaatggtgt	atttccatta	gggaaagtgc	60
tgacaagccg	caagggatcc	cttgatggtt	ctgggcatgg	gcgcccagcc	tgggctctgg	120
ctttgggagc	agcgagggga	atgtgtctct	caccctagg	cctcctggtc	tggctcctgc	180
tcaggccaca	cggcgcaccc	acccccagcg	cgcctcagtc	caggtcactg	ggcagggtgt	240
ttactgtctg	gtcccaaccc	aagcatgtag	atttcagaag	gggactagga	cccccggcag	300
gtgtttgaga	ccaccggctc	ccaagtgcgt	cgccttgggg	gtttgcatcg	gtcctcagc	360
ctccccaggc	aatctctgtg	tagggtcggg	agcgggaggt	ctgagttgag	ccgggtgcct	420
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aggaacttcc	cagactagct	ggcacagagc	ctcgggaagg	cggcgggcac	tgcaggtggt	540
ttacgggaag	tgtgcagcc	ttgggggtgg	gacagcgtgg	ccagaccac	cgcctcatct	600
gcacacctgg	gctcaagcgc	taatgacgac	aggggactga	gtgaatggga	cccccatgga	660

cccgcgcgcc	tgccccacgc	catggcctgg	gtttcgggag	ccttgcttta	ttctgcctcg	720
ggtcggaggc	tgggggagcg	agacctccag	tgcccgtagc	gctgggggag	aggggtggagg	780
ggccacttag	atgtaggagt	catcaccacc	gggcgcacgc	tagggacccc	cacccctccc	840
cgcgccctcg	ccctcatcgc	cgctgccgga	gtcactggcg	ccatccacgt	ccagggtggg	900
cgcgttgaga	acgaccacgt	ctgcctccgt	cccgatgtcc	tcgccaaacc	agacagcctt	960
gtacccgccc	tctggccgcc	gtccttgggt	caggatggac	ctcaccgccc	tggggcttcc	1020
gccagctcgg	gccgctgcgg	ggggctcaag	ggcaccgcct	ggggaggcag	ggccgggggg	1080
tgcgggctat	gcggggcatcg	gtgcctccgc	gggcttgggg	tcgtgcgtgg	ggctggggac	1140

<210> 3209

<211> 2948

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(2214)

<223> similar to gi4079809 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3209						
ccccctttgt	caacaacaac	ccggggaacc	tcttacacat	ggggccaaaa	agccgctacg	60
gcccggctgg	ggcacagcga	acagtgaagg	accagctga	aagccgaaag	ctggtggaag	120
gcgctgcagg	gcccaccgtg	tggttgacat	cgctgtggc	agtggagatg	cccagaccct	180
ctgcctcaca	gatgacgaca	ctgtctggtc	ctggggggac	ggggactacg	gcaagctcgg	240
ccggggaggc	agcgatggct	gtaaagtgcc	tatgaagatt	gattctctta	ctggtcttgg	300
agtagttaa	gtggaatgcg	gatcccagtt	ttctgttgcc	cttaccaaat	ctggagctgt	360
ttatacctgg	ggcaaaggcg	attatcacag	gttgggccat	ggatcacatg	accatgttcg	420
aaggcctcgg	caggtccaag	ggttgcaagg	gaagaaagtc	atcgccatcg	ccactggctc	480
cctgcactgt	gtgtgctgca	cagaggatgg	tgaggtttat	acatggggcg	acaatgatga	540
gggacaactg	ggagacggaa	ccaccaatgc	catccagagg	cctcggttgg	tagctgccct	600
tcagggttaag	aagggtcaacc	gtgtggcctg	tggtcagca	cataccctcg	cctggctcgac	660
cagcaagccc	gccagtgcgt	gaaactccc	tgcacaggtc	cccattggagt	acaatcacct	720
gcaggagatc	cccatcattg	cgctgaggaa	cgctctgctg	ctgctgcacc	acctctccga	780
gctcttctgc	ccctgcatec	ccatgttcga	cctggaaggc	tcgctcgacg	aaactggact	840
cgggccttct	gttgggttcg	acactctccg	aggaattctg	atatcccagg	gaaaggaggc	900
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cctcctcctt	cctcaccgtg	tctggaaagt	caagtctgtg	ggtgaatctg	tggatgactg	1140
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aagcacacac	acatcaccct	ggacaaccgc	gcggagtacg	tgcggtgggc	gataaactat	1620
agactccatg	aatttgatga	gcaggtggct	gctgttcggg	aaggaatggc	ccgcgttgtg	1680
cctgttcccc	tcctctctct	gttcaccggc	tacgaactgg	agacgatggg	gtgtggcagc	1740

cctgacatcc	cgctgcacct	tctcaagtcg	gtggccacct	ataaaggcat	cgagccttcc	1800
gcacgcgtga	tccagtggtt	ctgggaggtg	atggagtcct	tctccaacac	agagcgctct	1860
cttttccttc	gcttcgtctg	gggcccggacg	aggctgcccc	ggaccatcgc	cgacttccgg	1920
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aaatgaataa	agccttttta	cttggtgggtg	caatcgattt	ttttttcttt	ctcctttctt	2580
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taaatatttc	aattaatttt	actctgaatt	tgtttattaa	aagacttttg	aacatgaaat	2700
gattagtatt	acttgaatgc	atccagagga	taatttaaac	caaatgaaa	aaccagaagg	2760
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tgaggccttt	ctgtgaacag	catcataact	tctatcatgg	aaagtgtact	atatataatg	2880
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aaaaaaaa						2948

<210> 3210

<211> 3630

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(103)

<223> similar to gi3449294 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3210

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ctgggttcct	cgggacggac	tgcaacctca	cctgtccgca	gggcccgttc	ggccccaaat	180
gcacccacgt	gtgtgggtgt	gggcaggggg	cggcctgcga	ccctgtgacc	ggcacctgcc	240
tctgcccccc	ggggagagcc	ggcgtccgct	gtgagcgagg	ctgccccag	aaccggtttg	300
gcgtgggctg	cgagcacacc	tgctcctgca	gaaatggggg	cctgtgccac	gccagcaacg	360
gcagctgctc	ctgtggcctg	ggctggacgg	ggcggcactg	tgagctggcc	tgteccccctg	420
ggcgctacgg	agctgcctgc	catctggagt	gctcctgcc	caacaacagc	acgtgtgagc	480
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ggggggcacc	ctgtgacct	gtcaccggtc	tctgcctttg	cccaccaggg	cgctcaggag	780
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acatggggcc	cacgtgccgg	gaagggtgggc	ccctccggct	ccccgagaac	ccgtccttag	960

cccagggctc	agcgggcaca	ctgcccgcct	ccagcagacc	cacatcccgg	agcgggtggac	1020
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cctggctctg	cagaacccag	gggcacgctc	tgggcctggg	ctgaggaagt	cccgtctctc	1320
ccgcggctct	gagttggact	gaggacaggt	gtgggcgcca	gtgtgggtgc	aggcgcaggt	1380
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tggatacagc	tcaggagatt	ctcccaggaa	tagcagggag	gcgtaaagag	agacaacgta	2580
cagagataga	tgaatgaaa	tgggtaaggg	aggtgttcat	tcacatccat	ctaactgcaa	2640
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tgttccatcc	tcagagtttg	aaggaaatat	ttgaaggctg	aattttacat	ccagctaaac	2940
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atccaacggc	ggtcaggagc	agaggaaaat	aaagcagaat	aactagaaaa	cacgctcaca	3360
gacctaatag	ttaacggtta	caaatgacga	cggaaaaaca	aactcctgac	catatattat	3420
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gagatgatga	tatgtcatt	accctgattt	gatcactaga	catcccatgt	atcaaaacat	3540
cactgtgtat	ccgatgaata	tctacaatta	ttgtcaatta	aaaacatcat	taaaaacaga	3600
ctagactgca	ttaaaaaatat	aaaaaaaaaa				3630

<210> 3211

<211> 1092

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1093)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1058)...(781)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3211

ctttttaaat	tgggttatct	tttggttaagt	tggttaagttg	attcctagta	ctggactttt	60
atcaggttaag	tgatttgcaa	gtattttctc	ccattctgta	ggttgtcttt	cttgataata	120
tcttttaata	tataaaagtt	ttaaagtta	atgaaatcca	atttattttt	aaataaattg	180
gatgtatatt	gttgctcatg	ctgttggtat	cataaataag	aatttattgg	caaaatcaag	240
gtcatgaaga	tttatcactt	tttcctttat	ccctagggtt	tatagggttt	gctcttacat	300
ttaggtcttt	aatatatatt	tgtatctagt	atgaggtaga	gatctaaatt	cgttcttaag	360
catgtggata	ttcgctgtc	tctgcactat	ttattgcaa	gagtatcctt	ttctcattaa	420
atggtcttga	caccctgtt	gaaaatcagt	tggccataga	tacatgggtt	tatttctgtg	480
ctctcagttc	tattccattg	atctgtatat	tatacttttg	ctagtaccac	actgttttgg	540
ttactgtaat	ttttagtaaa	gttttgaaat	cagaaagcat	agagttcttc	ggttttttct	600
tctttttcaa	gtttccttta	gctacagagt	ttcctgcaat	tgaatgtgaa	tttgaggatt	660
ttcctttcca	tttctgcaaa	aacagccaat	taggttttga	taaaaattgc	attgaatctg	720
tagatcaatt	tgggtagaag	ttgccatttt	aaaaatattt	agccttcagg	gccagggtgg	780
gtggctcacg	cctgtaatcc	cagcactctg	ggaggctgag	gtgggcagat	acctgaggtc	840
aggagttcga	gaccagcctg	gccaacatga	tgaaaccccg	tctctactaa	aaatacaaaa	900
attagccaga	cgtggtggca	ggcgctgtga	atcccagcta	ctcaggaggc	tgaggcagga	960
gagtcccttg	aacccaggat	ggggagggtg	cagtgaacca	agatcatgcc	attgcactcc	1020
agcctgggga	caagagtga	gcttcgtctc	aaaaanaaag	aattccnccg	cnctgngcta	1080
atggactcga	tg					1092

<210> 3212
 <211> 433
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(399)
 <223> similar to gi483915 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3212

aacagattca	ggagctgaat	aaaaccccaa	caagataccc	atgctatgac	acattcataa	60
taaaactcct	aaaactaaaa	gcaaagaaaa	aaattgataa	catccagaaa	gaaaaggaac	120
gacacattgc	tgatagaagt	ccggttagat	tgacagccga	cctctcatct	gagaccctga	180
agggtcaaag	gatgcgccac	aaggctactt	aagcactgaa	atgaaagacc	tgtcaaataa	240
attctctatc	cagtgaaaac	acacttcagg	aaatgaaggg	gaaatgcaga	tgttctccaa	300

caaggaaaac	gaagaggaat	tgttaccaac	gagctcacc	ttgaagaatg	gctaaaggag	360
cttctccaca	cagaaaggaa	ataactggag	aaaacctgga	atcttggttag	caacgacaac	420
agagagcact	aga					433

<210> 3213

<211> 2389

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1541)

<223> similar to gil816586 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3213

gcccggttc	ttctggataa	tgaccattac	gccatggaaa	aattgaagaa	aagagtactg	60
gaatacttgg	ctgtcagaca	gctcaaaaat	aacctgaagg	gccaatcct	atgctttgtt	120
ggcctcctg	gagttggtaa	aacaagtgtg	ggaagatcag	tgccaagac	tctaggtcga	180
gagttccaca	ggattgcact	tgaggagta	tgtgatcag	ctgacattcg	aggacacagg	240
cgcacctatg	ttggcagcat	gcctggtcgc	atcatcaacg	gcttgaagac	tgtgggagtg	300
aacaaccag	tgttcctatt	agatgaggtt	gacaaactgg	gaaaaagtct	acaggggat	360
ccagcagcag	ctctgcttga	ggtgttggat	cctgaacaaa	accataactt	cacagatcat	420
tatctaaatg	tggcctttga	cctttctcaa	gttcttttta	tagctactgc	caacaccact	480
gctaccattc	cagctgcctt	gttggacaga	atggagatca	ttcaggttcc	aggttataca	540
caggaggaga	agatagagat	tgcccatagg	cacttgatcc	ccaagcagct	ggaacaacat	600
gggctgactc	cacagcagat	tcagataccc	caggtcacca	ctcttgacat	catcaccagg	660
tataccagag	aggcaggggt	tcgttctctg	gatagaaaac	ttggggccat	ttgccgagct	720
gtggccgtga	aggtggcaga	aggacagcat	aaggaagcca	agttggaccg	ttctgatgtg	780
actgagagag	aaggttgag	agaacacatc	ttagaagatg	aaaaacctga	atctatcagt	840
gacactactg	acttggctct	accacctgaa	atgccgattt	tgattgattt	ccatgctctg	900
aaagacatcc	ttgggcccc	gatgtatgaa	atggaggtat	ctcagcgttt	gagtcagcca	960
ggagtagcaa	taggtttggc	ttggactccc	ttaggtggag	aaatcatggt	cgtggaggcg	1020
agtcgaatgg	atggcgaggg	ccagttaact	ctgaccggcc	agctcgggga	cgtgatgaag	1080
gagtcgccc	acctcgctat	cagctggctc	cgcagcaacg	caaagaagta	ccagctgacc	1140
aatgcttttg	gaagttttga	tcttcttgac	aacacagaca	tccatctgca	cttcccagct	1200
ggagctgtca	caaaagatgg	accatctgct	ggagttacca	tagtaacctg	tctcgcttca	1260
cttttttagtg	ggcggctggg	acgttcagat	gtagccatga	ctggagaaat	tacactgaga	1320
ggtcttggtc	ttccagtggg	tggaaataaa	gacaaagtgc	tgccggcaca	cagagcgga	1380
ctgaagcaag	tcattattcc	tcggagaaat	gaaaaagacc	ttgagggaat	cccaggcaac	1440
gtacgacagg	atttaagttt	tgtcacagca	agctgcctgg	atgaggttct	taatgcagct	1500
tttgatggtg	gctttactgt	caagaccaga	cctggctctgt	taaaatagcaa	actgtaggtc	1560
caaatctcaa	tttttttagaa	ttttaagtta	tgaagtgtc	aaaggtactg	acacagttga	1620
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gtagaaatg	tacattctca	ggctccacag	caggccgcct	gaatcaaate	ctgggaggtg	1920
gggacagaaa	tctgtgtttt	aagaagcctt	ccaggttaatt	ctgctgcaca	ctcaagttca	1980
ggaaccaccg	gtatagacca	ttaccttagt	ggatttacct	gtagagttta	ttggatcctg	2040

aaaccaatca	attacttaga	actaggcaaa	gatgaaagta	tagccaacta	ttcttggcta	2100
tatatatata	ttcaagtggg	ccgggctgta	tggctcacac	ctgtaattcc	agcacttttg	2160
gaggtcgagg	taggcagatc	accgagccca	agagttcaag	acaatcctgg	ccaacggcga	2220
aactctgtct	ctacaaaaaa	tatacaggcg	tgtagcatg	tgctgtaat	cccagcttct	2280
tgggaagctg	aggcacaaga	attgcctgaa	cccaggaggt	ggaggttgca	gtgagctggg	2340
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<210> 3214

<211> 2650

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(1515)

<223> similar to gi2833649 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3214

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gtgcaggcgg	ggagctgggc	atctccctca	acatgtgcct	ccttggggcc	ctggttctgc	120
ttggcctggg	ggtcctcctc	ttctcagggt	gcctctcaga	gtctgagact	gggcccattg	180
aggaagtgga	gcggcaggtc	ctcccagacc	ccgaggtgct	ggaagctgtg	ggggacaggc	240
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aaaacatggg	tcttctgctg	gacaagctgg	ccaaggagaa	ccaggacatc	cggctgctgc	360
aggcccagct	gcaggcccaa	aaggaagagc	ttcagagcct	gatgcaccag	cccaaagggc	420
tagaggagga	gaatgccag	ctccgggggg	ctctgcagca	gggcgaagcc	ttccagcggg	480
ctctggagtc	agagctgcag	cagctgcggg	cccggctcca	ggggctggag	gccgactgtg	540
tccggggccc	agatgggggt	tgctcagtg	gggatagagg	cccacagggt	gacaaggcca	600
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atgctggctt	ggctgagctg	ggccacagat	tggcccagaa	actgcagggc	ctggagaact	840
ggggccagga	ccctgggggt	tctgccaatg	cctcaaaggc	ctggcaccag	aagtccact	900
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gcttggagga	ggtggctgtg	caacagacag	gtgatgatga	tgaagtagat	gactttgagg	1560
acttcatctt	cagccacttc	tttggagaca	aagcactgaa	gaagaggtca	gggaagaagg	1620
acaagcactc	acagagccca	agagctgcgg	ggcccaggga	ggggcacagc	catagccacc	1680
accaccacca	ccggggctga	caccctgccc	cacagggaat	ggccttggcc	tggcccagcc	1740
caagatccca	gcgttatcta	actcctggag	ggtggactct	gtcctggctt	gtttggtgtc	1800
ctcagatatc	tttcacacag	tagagcaaaa	tcaccagccc	tgcactgatg	tcactttatg	1860

tagaaaaagg	ccttagctgg	acctgcgttg	ccgtctatgc	aaatgcatgc	aaatactcca	1920
ggccctggga	tgtgggcttg	tgttttgtca	ctgtgaaggg	ggagatggga	gaggagcctg	1980
ttttgggggtg	gggtctgggg	aaggcaatct	gattctgaag	ctaaagagct	ttcatcctct	2040
tgagtgtatg	tccccatagt	gggccccttg	acccacatgc	tgaccggtgc	cttgggattt	2100
gactagagtt	gctggctcga	ggcccagcac	gaggacttac	cctgggggtt	tgttagggtt	2160
ggaagcagct	gtccctaggg	ggtgaagtcc	cccccccttt	tttttttacc	cctgcttctc	2220
ccacgggctt	cacctcccta	tgtgaactgt	agactcaa	cccaataaag	tgctgttgca	2280
gctatgatgc	taggtgggtt	ctaagcacag	gggacacccc	acacccctg	cctgaatgga	2340
tgggtccatc	ccaggcactg	gtacttgccc	ccttggtctg	tatccccctt	tgcccttgcc	2400
ttgcccttcc	aacaaaccct	aggcccttga	gaagctgata	cttctccttt	tgctcacagc	2460
tgccctggcc	ccaccctgg	gagatgtagc	aaattgagtg	tgggttttgg	agtctgagcc	2520
tcaggctcaa	atccaggcca	agtgatcttg	ggcaagttaa	tctctgggaa	ctttgggttt	2580
cttatcctca	aaaaaaggcg	tggaagggct	ggggaagtga	ttaaataaaa	gcaacgcaag	2640
aaaaaaaaaa						2650

<210> 3215

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (62)...(731)

<223> similar to gil92264 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3215

gcggccgcca	ctgccacctc	ctcggaggac	acgctggggc	tcggcggtga	agagtctgtt	60
tccggggccg	cctctccctg	gggtgcccc	gaagcctgcc	tgagggcctg	ggggccattt	120
cctgcatccc	ggggaccctg	catcactctc	acatggtggt	caggacacag	gacaaagaag	180
ggcccttctt	ggatgaggag	gctctcgtgg	gtcagcctta	aggcgttctc	atccacatgg	240
acttggaagg	ccgtctcctc	ctcctcactg	ggcaagagca	gccagaaggc	ctgggtccatg	300
agcagggttg	ccaggcagtg	atgagtgaag	ccgagagcat	ggtaggtgga	aaacttccag	360
atttcttcaa	aagtcttaaa	cgtcaccacg	atccggtcct	ggtcactgtg	gatggacagc	420
agcctggctg	ataattcccc	aagcacgcgg	gccatctccc	ggctatcatt	ctccagcagg	480
cggagctggc	cccggagggt	ctgctgtagg	ccgggggtccc	gcagtctgct	cttcctccgc	540
acagccagca	gctgcagggt	caggtctgtg	ggataaacc	ccatctggca	gggaggggtc	600
ccagcagcag	gcccagccac	gcgggcagga	ggagcctcgt	cgctctcac	tggcgccttg	660
gctcctcgg	gccccgcttt	ctcccagctc	acagagggcc	tcatgaccac	agtcgggacc	720
tgggtccggg	tgctgccacc	tctgaggggt	cccacaggac	ccctcccat	gggggtcggc	780
tctcagtg	tcacggcagg	gaggttctcc	atgaccgcga	gagacctcac	atgcctggcc	840
ctgcggcgtg	ttcctcag					858

<210> 3216

<211> 483

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(484)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (33)...(483)

<223> similar to gi4680665 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3216

ggtcgaccca	cgcgctccg	gacgcgtggg	ctgtcacaag	aggcggtgag	atcactgtga	60
attatctggg	aatccagtg	gatgtgaaat	tttgggtccca	acacatttcc	tccattcttg	120
ttggaataat	catcgccaca	tccatcagag	gattgctcat	accacgttct	tttatgccat	180
ctctagcagt	aagtcctcca	gtgtcaatgt	cctgctatta	gcacagataa	tgggcatgta	240
ctttgtctcc	tctgcgcttc	taatctgaat	gagtatgcct	ctagaatatg	caccataatt	300
accgaagtcc	ttggagaact	gcagttcaat	ttctgttacc	attgggttga	tgtgatcttc	360
ctggtcagca	gtctctctag	catagtgttt	ctctatttgg	ctcacntaca	ggcaccagag	420
aagcatatga	caccttgaac	ttanggctac	tacagactgg	tagaggccag	tgggtctcaa	480
ttt						483

<210> 3217

<211> 656

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(93)

<223> similar to gi2072950 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3217

tttaaaaaat	caaacaaatt	ttagtacaaa	aaatgcagta	actaaaagag	ctcaatgtgt	60
agatcaagta	gcagattaga	tgggtgctgaa	taaataatta	atgaactgaa	acgtcagaaa	120
acaatgcata	ctgaagctca	gagagataaa	cagatggaaa	atacagaaaa	gagcataaga	180
gacttatggg	atagggtaag	taggcctaac	atgcttctac	ttgaagtctc	agaagaagag	240
aacaaagaga	atgggtaga	agcaatat	gaagagataa	tggctgtgaa	tttcctaaa	300
ctataaaaga	cttcaagcca	cagactgaag	cattatgagc	cccaaacagg	agaaatacaa	360
agaaaataca	aacagctaga	ggtaaaaaag	acgtattatc	ttcagtggag	caacagcatg	420
gttgacagct	gacttctgaa	caaaagcaat	ggaaagcaga	tgacagtggg	atgaaagtgt	480
agaaaggaat	acccttcaaa	aatgaaggtg	aactaaagat	gttttcagac	aagaaaaata	540
tgagaaaata	tatcgccagc	agacttgcac	taaaagaaat	actaaatggc	attatttagg	600
cagaaggaaa	atgatcccaa	atagaatcct	agaaatgcag	taaagaatga	ggagca	656

<210> 3218
 <211> 951
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (19)...(541)
 <223> similar to gi829151 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3218

cataaattca	ctgacggtgg	agaaaccttc	ctcaaggagt	catacctcct	tatacatgag	60
cgaactcata	caagagcaaa	agactgtgaa	cacagtacct	atagaaatgc	cttcctcagg	120
aaccccgcca	ttgttaaaca	agagtggagc	cctagtgggc	agaaatgtag	tgattgtgga	180
acaacctttt	ccaagaaatc	aagcctttgt	agttaatcag	gaatttgaac	agagaataag	240
cctcaciaat	gaagtgaatg	tggccccatc	agtaataaat	tatatcttgt	atcttacaga	300
tattgtatca	gaataaatct	tctgatacca	gaaaggtggg	aaaatcttta	gtaggaatcc	360
tccagccatt	atatcccaga	gagctcattt	agggctgaaa	cactgtggag	gcagtgggtg	420
tggaggacat	ttctgtgaga	agtcaaacct	gttaaacacc	attgaaatca	tgttgggtag	480
aaatgcagct	gttatgagga	agtctttacc	tggagatgat	atctcaattg	gtatcaaaag	540
aattcttaca	ggaatatatta	tgaagattg	tgatgggtgct	tttagcgcta	aattgtgcct	600
cgtgtgccaa	agaaacatag	acaactgtag	aggcaatgga	tatggaaaac	atctttcgta	660
aaatatggga	gaatttatag	aaaagaaaaa	ctcttgaaag	taagaaatga	tggcaactca	720
ccaaattaac	tcatgtatca	tacttttatg	tcttgagagt	cttggaggga	cgtgtttaat	780
gaaatcttga	accccgaggaa	tagtattatg	taatgaaaac	ctatgaatat	aacaaatatg	840
gaagtaaaat	tgtgttagtt	tcttatgagt	gttgacacaa	actaacacaa	atttaatggc	900
ttaaaacaac	acaaaatcat	tatcttacag	ttctggagga	ctgaagtcca	a	951

<210> 3219
 <211> 934
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> similar to gi2854198 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3219

gcagacgcca	gtggccttgg	ctctgcagcg	ccaaggaggc	ggcgtggcgt	catgctccgg	60
------------	------------	------------	------------	------------	------------	----

ggagcgcaca	ggtttccttc	cagtcgaaca	attaacttca	gatccagcag	gtttgaccca	120
ccctcacctg	ctgggacatg	cgagtgtctg	tgtctggaag	gagggccggg	ctgtgtctgag	180
ctctgggggg	ccggteccca	cagctccccc	gacagggccc	ccggggcctc	ctctataaat	240
caggggtccg	tgtctccagc	ctgtctcgag	gggtttctgc	ttggcgtgtg	ggttctaaat	300
gcgagctgct	gtgtgtggag	gctcctgagc	accgggtgcc	cctcgcgcgt	gtgggtcccc	360
gggcagccca	gctgcacaca	ggatgggtccg	ggggtgcggg	tgggggcaga	gctgagcatg	420
gcgtgtactt	ggccacagaa	gtcttgtctg	ggtgccgctg	gacccctgct	aggaggacag	480
ggtccctctc	ctcacgaagc	acacggacct	ccagagtccc	tgcccttgca	gtcctgggag	540
cctgcagttg	gggctggagt	tggcctctcg	gagccacca	aacggagagg	cccatgagag	600
gggagctcag	gggtccagca	gaggctgaca	gagtgccctc	tttgtctgtg	tggcggcccc	660
tgtcatgcc	tggggcgtcc	tccctggagc	tgggggagct	cagggacccc	caggctctgtg	720
tggctgcccc	tgccactcca	ggcacagcgg	cacggccctc	actctttacc	tatttggaat	780
tggaggcaat	gagtggcaag	aacatgatga	cagacacggg	aggtaaaaat	atgttcactg	840
gctgttccct	ttataaataa	gaagtgggtg	gacttgcgct	gctattttta	aatagaccag	900
agagtacact	ggagaaggca	ttgagtgggt	ttat			934

<210> 3220

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (821)...(176)

<223> similar to gi53797 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3220

accaagcttg	gcacgaggga	ggcaggagaa	tcgcttgaac	ccaggggggtt	taagttgcat	60
tgagccgaga	tcgtgccact	acactccagc	ctgggtgaca	gagtgagact	ccatcttaaa	120
aatataaaaa	taaagtgggtg	gtcagaggag	ccccgaatag	accagttgtg	gagaggcctg	180
ggtgggggtg	ctggcaggga	gggcaggcca	agcccagttt	ctgcccacag	tcacctcgag	240
gtgactgtcc	agggcttttg	gcaccttccc	gggaggggga	cggccgcca	ccctgagtgg	300
tgttggaaagc	tgggctctcc	tggatgccct	gacccagctg	cctggggaga	gccctgggcc	360
cctcctccct	cagcacctcc	tccctcagcc	cctcctgect	cggteccctc	tcccttagcc	420
tgtctggcat	agatccatgt	tccctagccc	ctggcacagg	tgcctctgac	tggaggaggc	480
cccacctgtg	gcccgggagc	tgtcttgggg	gttgataaag	ggcagcatta	ttgggtcctg	540
ggaaggagcg	ggcgtgaggc	cagctgaggc	atggtgaccc	ctgggaagga	gcgggcgtga	600
ggccagctga	ggcatggtga	ccctgggaa	ggagcgggcg	tgaggccagc	tgaggcatgg	660
tgacccttg	gaaggagcgg	gcgtgaggcc	agctgaggca	tggtagcccc	tgggaaggag	720
cgggcgtgag	gccagctgag	gcatggtgac	ccctgggtac	gggggacttg	ggggccgcac	780
cttggtttgc	ccagggcccc	tcctgcacca	cgggccacat	gcgg		824

<210> 3221

<211> 1818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1796)...(115)

<223> similar to gi4972748 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3221

gcggctctac	ttccttttatt	gaggtctcaa	gttccagcct	ccgcccgtct	cgggacaaga	60
ccaggcgggg	ttctgcacgc	ggccgcccgg	gcaagcccag	cagatgcccc	gtcaggagta	120
ctcgcagagg	tgggcccgcag	cctgcgggaa	cagtgggaag	ctgccttcca	gccacttcat	180
gatgtgctgc	aggtggccgc	cgtggctgca	gccctggcac	cacacgaaga	gacccttgac	240
tacgtggtgg	cagacggcac	acatgctggc	gcacgtgtgg	ccacctgtcg	cagaacccag	300
ccccggctgc	tcatgggccc	cttgacgtgg	ctgcagttga	cgtgcagggt	ggtggaggcc	360
tggttgaggg	agctgacggc	gcggctgggt	ctcagcttga	ccacctcggt	ggacacgttc	420
cagaggcgga	agcgtctgag	caggtcgatg	taggaagtgt	accagtgtct	ctgggtctgc	480
tcgtcgatgt	ccttgccgac	ccgttcaccc	aggacgatga	gcacagacac	agccatctgc	540
acgtcgccct	gctcagcgta	gaagtgcagc	atgtcgcgca	ccagcacgcc	gaagaagtgc	600
ggcggcaggg	ggctgtcgta	gagcgcgtgt	gagacagaca	ggagcgagaa	ggaggagtcc	660
acggggggcca	gggaggccac	atccgcctcg	ctgccgctca	cgtgcgggga	gtcggccttg	720
tcttcagagt	gctcgggccc	gggaggcgtg	tccacgatct	cgtggcgagc	cggaaaggcc	780
tcttcaggca	gcacgcactc	agggctcctg	gggtgcgcgt	gttccggatc	cagcaggtag	840
agctcgtcct	cctcaccttc	cacgtcaccc	agcaggtagt	cggcaggtag	gtcgtgccc	900
tcggtttcct	cgttatcctc	attggtgatg	agtgtggccg	aggagtgcag	cagaactgtg	960
tcgctccgcg	catctccttt	gctgcgggtc	agccgcgtct	cactgcccac	ccctggggcc	1020
atatacctca	ggttgaaact	gttcatgagc	gggaggccac	aggagccacc	cttgcccaca	1080
ctgtggttga	ggtttgaggt	gggcactagg	ccagggtctg	agtagatgat	ccgcagcatg	1140
gtccacgttt	gcgccacctg	gttgccggca	agctctcgag	ccacctttgc	gttgtggtca	1200
cagagctcgg	ccagtggccg	gccagccagc	gcataacgct	cagctgtgtc	cacaaaccag	1260
cgcattgccg	cgccacctgg	ctccgtctca	aagacactga	gggcactgga	ggcgaggcct	1320
gcgaagggtc	cggcagggtc	cagcttgccg	ttaaagaaga	tggggtggcg	ccggtcgcca	1380
gtgtagggtc	tgcgccccga	ctcggcagcc	acgaggctct	ccttggcggc	gaaggccagg	1440
tccccgaaga	ggccgtagca	gaggccctca	gggttggcgc	gctcgacggg	ttggctggcg	1500
tcgcggaaca	ggtgctggca	cagcgagctg	tccttggagc	cagacagcag	gaaggagggg	1560
tcgtgggggt	ggcgccaggc	aattcccgtg	gtgacgtctc	ggtgttcctc	aaacatggca	1620
gctggcacga	agggccggcg	cacgtcccaa	acatagatgt	tgtggtcccc	catcatggag	1680
cacgtggcca	ggtggtggcg	gcactctggc	cgccacttca	cacgggccac	cgaggcgatg	1740
gtctgcacac	agtgcattct	cttggcacgg	tgcgtggtca	tgtcccagac	ctcctcgtgc	1800
caagcttggc	tgaatgtc					1818

<210> 3222

<211> 2170

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2137)...(1281)

<223> similar to gi3695113 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 3222
ctgtaatttt cttccagagc cagcaattct ggcaacacta cactttcgat ttatagcaaa    60
gcacacaagt agcagtgtct ttgaaaagaa aggataaaag aatcaatgaa aaagttacta   120
gttcttaaag atctgtgtct cattcgagga acttaaggac ctctccctca atctaaaagc   180
agaatgcact cttgctgctt actcccagca tgcctcagc tgttcctatt tactcctgga   240
ggaaggcaat gatatttgag tctgggttat caacaatcct ttaatttttt atttttat    300
ttttccctgg gatttcgaac caatatactc ctagcctgaa caacatagaa catttccttt   360
ccatttttgt agaaattatt ttttaatgta aattatattg tgttctat    gtttccaatg   420
tcttgaaaag ttcaatcact tctccaaatt ctccgaataa acataagaaa atatctctcc   480
ccagcactac ccggtcccc agtatcacca tcttaaaggc acttcactt cctctatcat   540
caggggaagga gtgtgcagtt ctgatttagc tctcagtgga agtaaaggga atttagagga   600
agggggattt ctgcagaaat tgtcagttac acaagtaagt tctcttggt tccccgtttc   660
atcaaaagtg aaaaactgtt cacaggagtg cccatgtccc ctgtttccct atgcatcact   720
agagccaaga ggggactccg ccagcaaggc accctctgct ctgtcccga gatcacagtc   780
cccgactttc accccattgt ttgtgcaatg tgcagaactg gagcccaaag cagcgggctc   840
aggatcactc tccaggccccg gcgggcccac agactccttc cttggctggg aagaggggct   900
ttcgtgaaag cagagcttga caagccccag tactgtcatg gtcaagatca ccaacactac   960
tactgctgtg ctcaaaata tgaagaccac ggcagaggag gagtcgaaag cctgaggagt  1020
ggcagaggaa gtcgtagaat taaacttgga aatcacgctc cctgatgggg tgatagtggc  1080
ctttgactcg gcttgaggga acatttgagg ggtagacatc gtgctctgtg atccccatcg  1140
aggaatctca ggaatagatg ttactgaatt gtcttggtca gggacaagtg gtgtctctcc  1200
cagcttctcg tcgacctga ttggccatgt tctctgcggc acggggctgg ttgcagtggc  1260
cggcgggcgc ctggtgggca ccccggtccc cccaagggtc ggctgtcctt cccactggt  1320
cacacaagaa gcggaccgtc cttcccagc tcgaagcccg tagcacattc gcaggcaaag  1380
cctcccaagt cgtctaggca gttagggagc tctgcgcatt tgccagcacg gaggtacctc  1440
ccggggcagg gacacaacac atcgcccag agtttgtccc agcgagcgcc gatttcgtcc  1500
gcgatgcaag taactgagat cgggagctgt cccggcgaga gcgcactcac ctcggtccca  1560
ggtggactga agtcagagc ggcgctgtgc agctggaagg gcgcgcgata gctcaagtta  1620
gaggcggccc cggggcgcg cgaggacac aagacctcaa actggtactt gcacaggtag  1680
ccgttggcgc gcaggtggca tcgcatctcc ttccagcctg cgggctcgac cccaccggtg  1740
gcctggagta ccgcgcactt ccgcgcggtg caggagcgtt ggggctctc caccactgc  1800
agcgtgtcgc tttcgagacc gccggggtcg gaggacagcc aggagaaacc ccgcaaaggc  1860
tcgttctcca ggggtgcagt ggaacgcctg cgtccagtg cgaccagaa cagcaggtct  1920
ttggagcccc ctccgggccc tgggectgcc cgcaggagcg cgagcacagc gcgcagctcg  1980
gcgcccgcac gcacggtgtt gagcgcccca cctcgcagga tgcaggcctc ctcgcccgcc  2040
tgccgcttca tggtagcgtg gtgcagcctg tagcaggccc ccgaggccgt gcagccagca  2100
aggtcggatg tggggtgttg gccgcgccc ggcccgggcc agagcgctg cccctcatgc  2160
caagctgagc                                     2170

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<210> 3223

<211> 1836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (33)...(758)

<223> similar to gi2429362 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3223

ctgccccatt	ccctggcctg	gtttcctaac	ctctttcttc	tccccgccc	tgettccctt	60
cctccaccac	cctgctctca	aaggcctcct	ctccagaccc	ctggaaggga	ggcttcccca	120
tcttttagttt	tccactctgc	cccggggggc	acccttctac	tcctagccac	gtcccttggg	180
accggtggga	ctggaggagg	aacggtcacc	ctcctcccc	atggagggtt	ccaggggtcc	240
cccagacatg	aaagaggggt	gagctggagg	aagtcattgt	gtcactgggg	tacagggggg	300
tgaatgaagg	gcattgcagg	cctcagcccg	ggctgtgcca	gccctcccag	ccccaggccc	360
atctgaggga	ccaagacgct	gttacgcagg	cccttctttc	cagctatcag	cacttttcagc	420
atcggctctt	cagcagatcc	aaacccccct	agcaacttgc	agaggacctg	tccccctctca	480
aaagtccctt	ggcctagggt	ggggaccccc	aaacctacgg	caaagccagc	aacagtagca	540
gcctgtctcc	atttgctggg	gaggagatca	tcttggtccc	ctggcccccc	actctccctc	600
catgtccatc	caaaaaccat	aaaatcactg	ggttccacat	cagcctccat	gaggccaagc	660
cttgtagctg	caaggctctt	ggcctaacca	ttcctctgtc	ctcttctctg	gcctgcctgg	720
ggagcccgtg	aaggccgcac	gggtgcctcc	agcctgagac	atcaggggag	agcctgcagc	780
tgagttcagc	agaaaggagg	aatcctggcc	ctcaggaaga	agatagtcac	atgtttttct	840
tccttgctcc	cacagccccc	agaacaacat	tctccctgct	ggcagccctt	ccatgtctcc	900
aaacctgggt	cagagtgaag	ggaccttttg	gggtgggtgg	gagcaaaggg	cccacctgct	960
ggttggtgaa	agcagtgggt	ccggagtgt	aggtaccgca	cgagagggtg	cgggggcttg	1020
ggaagcagac	cagggttgga	caaaacccca	tgagggcggg	gagctggaag	aaaagtctct	1080
tggggacctc	tggggcaagg	agctgagaag	tcctgcagca	ccaggtgaga	cttgcttaca	1140
gtgatgcca	cttctaggcc	tctggaccgc	agatgccctc	ctccctcctg	cacacctggc	1200
ctcctgggcc	tccaggtaaa	gagagagagc	cagcccagcc	ctgtttcccc	tcagtcctcc	1260
tttgctcctg	ctgcttctcc	caacagccca	ctgttaggag	gtagtagacc	ccagcctcaa	1320
ggctctgacc	ttcttcattg	gggcacagag	ggctctgaca	ctctggcagg	gcctgagctg	1380
gggcaggcct	ccctcagggc	caggggcat	ggcaccctcg	ggacaggcag	acctccttcc	1440
tgccgtcagc	accccttctc	ttatcactgt	ctggtctccg	agcttcggct	gcagcctgag	1500
gtgtgtcctg	ggctcctcag	agcctgaagc	aagcttttgg	aagcctgcag	tcctcccagc	1560
tccagtgcaa	aagcctctct	ctccagcctt	tccccaggca	ggagttgggg	ttgggggctt	1620
ctgtccctca	tcgtttacct	tggaaagggt	ggaagctggc	aatctgcacc	ttgggggctg	1680
ggctccccct	ctctgtgcca	gcggttctcc	agcacctggg	aggggctgca	gccccagctg	1740
gactccagcc	tgtccctctt	agcactctag	ctgccccact	ccagggcagg	gactcgaaac	1800
ccccctcgtc	ctgagcagcc	acctccaggg	ccctgt			1836

<210> 3224

<211> 1771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1770)...(545)

<223> similar to gi488555 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3224

taatcacaaa	aaaattttat	tatgtttgaa	gaaagcttaa	aaatttgtgt	tggctctgcat	60
tcaaagccat	cctggcctgc	gggttggaca	agcttgatct	aaagcttttc	ccaagttcct	120
cacagtatta	gtttcctagg	gttgctgtac	aaaataacag	actgaatgat	ttaaccaaga	180
gaaatttatt	gcctcacagt	tctggagcct	ggaagtgcaa	tatcaagggtg	gagacaggggt	240
tggtttcctc	tggaggccat	aatgaaagca	tctgttccag	gtctctgtcc	ttggcttgta	300
gatggccatc	ttctggtgga	tccacacagt	cttctccatg	tgtatccttc	cttcagtttc	360
ccttataggg	acaccagtga	tgtcagatta	gggatcgaa	ccaacaacct	catttgaagt	420
tactcacctg	tttgaaaacc	ctatgtccaa	atacagttat	agtgtaaagg	actaggactt	480
agggcttaca	aatatggagt	ggggcatcat	ccagaccata	ccatttaa	tgcaggggtt	540
ctctccaatg	tgagttcaca	tacacacatt	aagggttgtg	ggattcagaa	aggtattccc	600
agattctcta	cattctacag	gtttctctcc	agtgaagatt	ctgatgtgtt	tggtaaggct	660
tgagaattca	gcaaagtc	ttccacattc	cctgatgcag	ggctctctcc	actgtgaatt	720
catatgtgtt	cattaagacc	tgagatacaa	agttgcttcc	acatttttac	attcataggg	780
tttctcccca	gtgagtttcc	atgtcttcag	agagaacagg	gacaccttta	ggttttccca	840
cattccttat	gctgacagtc	tctcatccgc	atgccttctt	tcatgatttc	gaaagggaact	900
ggaagaactg	aaggctttcc	cgcactcctt	acattcatag	ggtttctctc	cagtgtgagt	960
tcgttcatgt	aactgaaacg	aattggagta	actgaaggat	ttcccacact	gtttacattt	1020
gtagggtttt	tctccagtgt	ggatccgc	gtgaagggtta	acacacgtgg	gaaacttaaa	1080
ggctttgcc	cattccatac	acgtgaatgg	ttttttggcg	ctgtgggtcc	gcatgtgatt	1140
attaagactg	gaggaatgcg	taaatgcttt	accacattcc	aggcactcaa	agggcttctc	1200
tccagtgtga	attctcaa	gtccactaag	atttgaagaa	atagcaaagg	ctttccca	1260
tttgacacat	tcaaaaggct	tctctccagt	gtgagttctt	gtatgttcac	taaggcgaga	1320
ggatctggca	aaggccttcc	cacattcctt	acattcatag	ggcctctctc	cactgtgagt	1380
tcgtgcatgc	ttagtaagg	ctgagttctg	agtgaaggct	ttcccaca	ccttacattt	1440
atagggtttt	attccagtgt	gaattcgaaa	gtgatcactg	aggcatgagg	aatttctaaa	1500
ggattttcca	catatcttac	attcaaagg	atcctttgca	gtgtgagttt	ttaaatgttc	1560
agtaagttga	gaagatctag	tgaaggctat	cccacattcc	ttgcattcat	aaggcttctc	1620
accacatgg	attttcatat	gttgacttaa	gcaagaggaa	acagtgaagg	ctctccca	1680
atccttacat	ttataagg	tctctccagt	gtgagttttt	ctgtgctgag	taagttgaca	1740
agacctgggtg	aaggccttcc	cacactcctt	a			1771

<210> 3225

<211> 1082

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (66)...(330)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3225

actactatgt	tattttattta	tttattttatt	tagcggcagg	gtcccgcctc	gtcacctagg	60
ctagagtgc	gtgatgagat	cacggctcac	tgcagcctca	acctcccagg	ctgaagcaat	120
cctcccactt	cagtctccct	agtagctggc	actacaggca	tgtgccacca	aaccaggcta	180
attttctttt	ttttattttt	gtagagaagg	ggctctgtct	tgtgttggt	caggctggtc	240
tcaaactccc	aacctcaggt	gattcgcccc	cctcggcctc	ccaaagtgt	gggattacag	300
gcgtgagcca	cttatgcccc	gccggatttg	cccttattaa	tggttatttc	ttgtgaaaga	360
ttctttttgc	ctttgcattc	cttttattct	gtttattccc	ccatgcctca	cccaaagagt	420

tgcacggtca	attggcccgt	gaaggggacg	cctactttca	aacaaggcag	acaggacacg	480
acaggacggc	ggctcatagc	acagactttg	gattgcagtg	gatgggacca	gatcctggct	540
ccacttctcg	ctagctgtgt	ggccctgggc	aagctgctta	acctctctgg	gcctcagttt	600
ctccccctgt	aaactggggg	atgtgaacag	cgctgcctc	cgagtcctaa	ggattgggag	660
tagtcgtgta	aagtgtcag	gtccacaggc	catcaatact	aatagttaaa	aattattctt	720
agaatcttgc	ttccctcagc	tccctgaaag	gccactaagg	cacccagtt	gcagaggcca	780
aaggtccggg	aggcttcaca	gccacggctg	tgccccaggg	tcttgcccc	ggccccacctg	840
catgtagggtg	atgggctcca	gctggggcggc	ccggagcttc	cgagctgct	ccttgtcctt	900
cctcagggtct	gtcttgagc	cgatgagcac	catggggatc	ccgcggcaga	aatgcgtgac	960
ctcagggaac	cactgtggag	ggaggaggcg	ggatcagggg	cgcgccggg	cccagatgtg	1020
gggccaccac	ccaggaggcc	ggcctcacct	tgatgaggac	gttgtcgtag	ctggtgggat	1080
tc						1082

<210> 3226

<211> 2401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (48)...(1135)

<223> similar to gi3184062 in the genepept database release 114,
Run with FASTXY 3.3t00; default parameters

<400> 3226

agttaatctc	tttggtggtg	cctacagatg	acatacagag	tacaggcccc	caggttcatg	60
ctttaaatat	ccttagagca	ttgttcagag	atacgcgcct	gggagaaaat	attattcctt	120
atgttgctga	tggagctaag	gctgcaattc	tgggttttac	atcacgggtc	tgggcagtg	180
gaaattcatc	cacacttctc	tttagtgctt	tgatcacaag	aatttttggg	gttaaaagg	240
caaaggatga	acattccaaa	acaaatagaa	tgacaggggg	agagtttttc	tctcgtttcc	300
cagaactcta	tccttttctt	ctcaaacagt	tggaaactgt	agccaatata	gtagacagtg	360
atatgggaga	accaaactgt	catccaagca	tgtttctctt	acttttggtg	ttggagagac	420
tctacgcttc	cccgatggat	ggtacttctt	ctgctctcag	catgggacct	tttgttcctt	480
tcattatgag	gtgtggtcac	tcacctgtct	accactcccg	tgaaatggca	gctcgtgcct	540
tggteccatt	tgttatgata	gatcacattc	ctaataccat	tcgaactctg	ttgtccacac	600
tccccagctg	cactgaccag	tgtttccggc	aaaaccacat	tcatgggaca	cttctccagg	660
tttttcattt	ggtgcaagcc	tactcagact	ccaaacacgg	aacgaattca	gacttccagc	720
acgagctgac	tgacatcact	gtttgtacca	aagccaaact	ctggctggcc	aagaggcaaa	780
atccatgttt	ggtgaccaga	gctgtatata	ttgatattct	cttctatttg	acttgctgcc	840
tcaacagatc	tgcaaaggac	aaccagccag	ttctggagag	tcttggttc	tgggaggaag	900
tcagagggat	tatctcagga	tcagagctga	taacgggatt	cccttgggcc	ttcaagggtc	960
caggcctgcc	ccagtacctc	cagagcctca	ccagactagc	cattgctgca	gtgtgggccg	1020
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aatctgcctt	ccctgaagtg	cgctcactaa	cactggaagc	cctcttgga	aagttcttag	1140
cagcagctc	tggacttgga	gagaagggcg	tgccaccctt	gctgtgcaac	atgggagaga	1200
agttcttatt	gttggtccatg	aaggaaaatc	accagaatg	cttctgcaag	atactgaaaa	1260
ttctccactg	catggacctt	ggtgagtggc	ttccccagac	ggagcactgt	gtccatctga	1320
ccccaaagga	gttcttgatc	tggacgatgg	atattgcttc	caatgaaaga	tctgaaattc	1380
agagtgtagc	tctgagactt	gcttccaaag	tcatttccca	ccacatgcag	acatgtgtgg	1440
agaacagggg	attgatagct	gctgagctga	agcagtgggt	tcagctggtc	atcttgtcat	1500

gtgaagacca	tcttctaca	gagtctaggg	tggccgtcgt	tgaagtcctc	accagtacta	1560
caccactttt	cctcaccaac	ccccatccta	ttcttgagtt	gcaggatata	cttgctctct	1620
ggaagtgtgt	ccttaccctt	ctgcagagtg	aggagcaagc	tgtagagat	gcagccacgg	1680
aaaccgtgac	aactgccatg	tcacaagaaa	atacctgcca	gtcaacagag	tttgcttctt	1740
gccaggtgga	tgctcccatc	gctctggccc	tggccctggc	cgctctgtgt	gatctgctcc	1800
agcagtggga	ccagttggcc	cctggactgc	ccatcctgct	gggatggctg	ttgggagaga	1860
gtgatgacct	cgtggcctgt	gtggagagca	tgcatcaggt	ggaagaagac	tacctgtttg	1920
aaaaagcaga	agtcaacttt	tgggcccaga	ccctgatctt	tgtgaaatac	ctctgcaagc	1980
acctcttctg	tctcctctca	aagtcgggt	ggcgcccccc	aagccctgag	atgctctgtc	2040
accttcaaag	gatggtgtca	gagcagtgcc	cacctcctgt	ctcagttctt	cagagagctt	2100
ccaccagctg	ctgagtttgt	gaagacagtg	gagttcacaa	gactacgcat	tcaagaggaa	2160
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ctagttctca	gtgtttggga	ctcttatgca	gaatcgaggc	agttaactct	tccaagaaca	2280
gaagcggcat	gttgaagaaa	atctggggga	ttgggatggg	ggtatgtgtg	gatttttctt	2340
ccactaaatc	tgcaggaaac	atgttgaaca	taaattcaaa	aattttatcc	caaaaaaaaa	2400
a						2401

<210> 3227

<211> 1691

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (33)...(1178)

<223> similar to gi2661590 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3227

ccgtttttgcc	ggttcgaccc	acgcgtccga	taagtgggag	ggctcccctc	aggcagtttg	60
aaggctcata	caaaagcagt	tcatacagta	gatttttacag	ctgacaaata	tcacgtggtc	120
tctggggctg	atgattatac	agttaaatta	tgggatattc	caaactccaa	agaaattttg	180
acatttaaag	aacactctga	ttatgtgagg	ggtggatgtg	ctagcaaact	taatccggat	240
ctctttataa	caggatcata	tgatcatact	gtgaagatgt	ttgatgcacg	aacgagttag	300
agtgttctct	ccgttgagca	tgggcagcca	gtggagagtg	tctactttt	cccctctgga	360
ggtcttctgg	tgtcagcagg	aggtcgttat	gttaaagtct	gggacatgtt	aaaaggagga	420
caattgttag	tatctttgaa	aaatcatcac	aaaaccgtga	catgtttatg	tctaagcagc	480
tctggacaga	ggttactctc	tggtcactg	gataggaagg	tgaaagtata	cagcacaact	540
tcctacaaag	tagtccacag	ttttgattat	gcagcttcaa	ttttgagtct	tgcccttgca	600
catgaagatg	agacaatagt	tgtaggaatg	accaatggaa	tactgagtgt	taaacatcgg	660
aaatctgaag	caaagaagga	atcacttccc	agaagaagaa	ggcctgcata	tccaaccttt	720
attaaaggaa	aaaattacat	gaagcaacgg	gatgacattt	tgattaacag	gccagcaaa	780
aagcacctag	aattgtatga	cagggatctg	aaacattttc	ggatctctaa	ggcactcgat	840
agagttcttg	atcccacttg	tacaataaag	acacccgaga	ttacgggtgc	catcataaag	900
gagttaaatc	gaagaggagt	ccttgcaaat	gcgcttgtag	gtcgggatga	gaaggaaatc	960
agtcagtgtc	tttaattttt	ataaggaatc	tttctcagcc	aagatttgcc	cctgttttaa	1020
tcaatgctgc	tgaaataatt	attgatatat	atctgcctgt	aattggctcag	tcccctgtag	1080
ttgataaaaa	gtttttacta	cttcaaggac	ttgtagaaaa	agagattgat	taccaaaagag	1140
aattgttaga	aaccttgggg	atgatggata	tgctttttgc	caccatgaga	aggaaggaag	1200
gcacttctgt	gttggaaacac	acatctgatg	gatttccaga	gaataagaag	atagaatcat	1260

agtgtctgct	aaataagaca	tataagaact	cttgaagttg	gaatagattt	gactgtatta	1320
aatgtttggcg	agagactctc	ctttgatata	ttaaaaaac	tgtttgcaga	agcagttctg	1380
tggaagagac	tggaataatt	atggccgcaa	accaagtacc	cgttttaagt	aagacatggg	1440
tttccatgta	atattttgaa	ttacagcatc	ttcacctaga	agatctcaat	tgtcttagtc	1500
acagagtagg	tttatctggg	atggatatta	attttaatac	aggagtgttc	tgtatcaaca	1560
tttgggttgg	tattcagatg	ggaattcaaa	tatgaatcct	ctctggagag	gggtccaactg	1620
ggaatcctgc	taaaggagca	aagccttgta	ttacctctgg	aagacaacaa	aaacaattgg	1680
caacaacaaa	a					1691

<210> 3228

<211> 1835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(1348)

<223> similar to gi488555 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3228						
accttatgaa	tgcaatgaat	gtggtaggtc	ctttattcag	agtgcacatc	ttactcaaca	60
tcaaagaatg	tatacaggag	aaaaactcta	tgaatgtaat	gaatgtgaga	aagccttcca	120
tgatcactca	gctcttattc	aacatcatat	tgtccatact	gcagagaaac	cctatgaata	180
tcatgactag	gaaaactttc	agttactggt	cagacctcat	tcaacatcag	agaatgcaca	240
ctggagagaa	accatacaaa	tgcaatgaat	gtgggaatgc	ctttagtgat	tgttcatccc	300
ttattcagca	tcaaagaact	cacactggag	aagagcctta	tgaatgtaat	gaatgtgaga	360
aagccttcca	tgatcactca	gctcttattc	aacatcatat	tgtccatact	gcagagaaac	420
cctatgaata	tcatgactgg	gaaaactttc	agttactggt	cagacctcat	tcaacatcag	480
agaatgcaca	ctggagagaa	accatacaaa	tgcaatgaat	gtgggaatgc	ctttagtgat	540
tgttcatccc	ttattcagca	tcaaagaact	cacaccggag	aagagcctta	tgaatgtaag	600
caatgtggaa	aagccttttag	cagaagcaca	taccttactc	aacatcagag	aagtcacgca	660
ggagagaaac	agtataaatg	caatgaatgt	gagaaaactt	tcagcctgag	ttcattcctt	720
acacagcaca	tgagggttca	gactggagaa	aaaccctaca	aatataatga	atatggaaaa	780
gcttttagtg	actgctcagg	acattttcag	agaactcaca	ctggagagaa	gccctgtgaa	840
tgtaatgact	gtgggaaacc	tttcagtttc	tgttcagccc	taattcaaca	taagagaatt	900
cataccagaa	agaagccctg	actgtacett	cataccagta	aatgcactga	ctgtggaaaa	960
gccttcagtg	attggttagc	acttgttcaa	catcagataa	ctcaacactg	gagaaaaacc	1020
gtataaatgt	actgaatgtg	gaaaagcctt	cagttggagt	acagacctca	aaaatcacca	1080
gaaaactcat	actagtgaat	aatcctataa	atgtaatgaa	tgtagaaagg	cctttagtta	1140
ctgctctggt	cttattcaat	gtcaggtcat	tcataactata	gaaaaacctt	atgaatacgg	1200
taaatgtggc	aaagccttta	ggcagaggac	agaccttaaa	aaacatcaga	aaatgcatac	1260
cgaagagaaa	ccctatgaat	gtaatgaatg	tgggaaagcc	tttagccaga	gcacatatct	1320
tacaaaacac	caaaaaattc	atagtgaaga	gaaatcaa	atacatactg	agtggtggga	1380
aaccattaga	caaaactctt	ctttttacaa	caataaaacc	tcacactgga	gagttctctg	1440
aatgccttaa	gaatttggtt	aatatggaga	cccttcccag	ggaaacagaa	ggaggatcgt	1500
gaaaaccgtt	gactacttag	aatgatcaca	tggttttagtg	gagagagcat	gattctgggt	1560
tttaaaagtc	atggatctca	atctcagctc	ctattactaa	ctagatcttt	tactttgggg	1620
taagtcactt	catatcttta	ggccttaatt	tcctcatctg	aaaaactgga	aggcctgact	1680
tgacttggtg	agcttaagat	cctcaattat	tatatttact	aggaattcaa	gtttctatag	1740

```

atgtggttca gaattgtgac ttattttattg tacatcaggt gtgattcaca agtgagcttg 1800
tagtagttat taaggagtca ataaagatat gatata 1835

```

```

<210> 3229
<211> 1035
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1036)
<223> n = a,t,c or g

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<220>
<221> misc_feature
<222> (1036)...(523)
<223> similar to gi2065210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3229
aaattttcgg gtcgacggga ggcaggaggt gaggaacaag caggctgtat aacaaacagc 60
tacacaggca ggggaagttt taactaagac aaagacgatg ggggtattgg agctgagata 120
aataaacagc taactggcat atttcacttt tggttcttta ccatccatat gcactctcct 180
acacacatag gaatttcttt ggaataatta aacaagtcta ttttcctacc taagaagata 240
tgagggaaga agtcctcacc ccccccaaa ggagcagatg cgcagttcaa acagtccttt 300
gtattcccat ggcacgccat gtcaattact cctcaaattt agtcccatc taactattct 360
gtttcttaaa gacaaaatta taaatgtaac ctctaataat gtgtatataa aataaaaagt 420
ggaaaaagat agaagtaa at ggttcattta aataaataaa cacatggata taaacacaca 480
tacgtataac aagcagagag aaaacatgca aaactacatt tcttgtttct gtcactggtc 540
ttgaggttgt agttgatgtc catgggttac ttcttcagtg actaattcca ttttttcct 600
gccctccact tgaacctcag ctgctccggg ttttgtacca gggaggagcg atccaaatct 660
tcgttcgccc agagtccgaa tcctctgttg tcctgctttc gttcagttgt ggttttccat 720
taaccttttc tatggagtat agaagtactc ggaggttcta cacttcacat cttcatcctc 780
cttgcccaa ttgtctagca gtgccacagt tttcctttga taattgggat taaccactcc 840
agccagtaga ttaacttttt tctttttttt ttttgccctt tggtttaggg ggaaatgaaa 900
cccaaaaggg ccaaggggga gtccctgtt ccaatggatt aaaacacaaa gttgggcccc 960
ccgtggggag ggcttttccc cttgggggnc taaaaaaaaa ctcccgacc cacagggcct 1020
ttgattggct ggaag 1035

```

```

<210> 3230
<211> 4945
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```


<222> (1)...(4946)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (4946)...(206)

<223> similar to gi338675 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3230

gtgaggaagg	ggtgctcatt	ctacctgtat	ctgggtggctg	aggggtgctga	ccacaggcga	60
ggagtagctg	tgctgcgagg	ggggcgctcag	gaactgggct	gcggtcacgg	gtgggaccag	120
cgaggatggc	agcgacgtgg	gcagggcggg	gctctcctgg	ggcagaatag	tgtgcaccgc	180
caggctgctg	gggcccagtg	gctgcacgtc	tgccctggctc	ggctctccac	tcaggaagct	240
ccggcccagg	tggccgctgg	ctgctgagct	cacgccaaagg	tgcggctgtg	gtgggtgggtg	300
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